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MINUTES

OF THE

AQUEDUCT COMMISSIONERS.

1895.

VOLUME 11.

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AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, January 2, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

Mr. James S. Coleman, contractor for the construction of the New Croton Dam at Cornell site, on Croton river, in the Town of Cortlandt, Westchester County, N. Y., was in attendance, accompanied by Mr. Cornelius J. Ryan, Mr. Henry H. Brown and counsel, and presented the following communication:

NEW YORK, December 31, 1894.

To the Honorable the Board of Aqueduct Commissioners:

GENTLEMEN—Having formed a copartnership with Cornelius J. Ryan and Henry H. Brown, under the firm name of Coleman, Ryan & Brown, for the purpose of completing the erection and construction of the New Croton Dam in accordance with the contract and specifications made and entered into between the City of New York and myself, dated the 31st day of August, 1892, I hereby respectfully ask your Honorable Board to take such action in the premises as may be required under section "I," page 35, of the said contract, and to grant the consent necessary to the assignment of all my interest in the said contract to the said copartnership.

Very truly, yours,

J. S. COLEMAN, Contractor.

On motion of Commissioner Cannon, the same was ordered spread upon the minutes and filed.

In connection therewith, the Construction or Executive Committee presented the following preambles and resolutions, and recommended their adoption:

Whereas, James S. Coleman, contractor for the construction of the New Croton Dam at Cornell site, on Croton river, in the Town of Cortlandt, Westchester County, N. Y. [illegible] the Aqueduct Commissioners that he has executed an assignment to the firm of [illegible] Brown, consisting of said James S. Coleman, Cornelius J. Ryan and Henr[illegible] his, the said Coleman's, right, title and interest in and [illegible]ain contract e[illegible] said Coleman, by the Mayor, Aldermen and Common[illegible]y of Nev[illegible] through the Aqueduct Commissioners, dated August [illegible]ilding t[illegible] to all the moneys due and to become due and payabl[illegible]act fro[illegible]

day of January, 1895, the date of said assignment, including such sum as may be now withheld for retained percentage upon work done and materials furnished by said Coleman under said contract prior to said second day of January, 1895; and

Whereas, The Aqueduct Commissioners are content to consent to the assignment of the aforesaid contract:

Resolved, That the Aqueduct Commissioners do hereby assent and consent to the assignment of the aforesaid contract and of the moneys due and to become lawfully due and payable under said contract, by the said James S. Coleman to the said firm or copartnership of Coleman, Ryan & Brown, provided that the bondsmen of said James S. Coleman shall consent, in writing, to the assignment of said contract and moneys, and shall agree that the same shall not impair or affect their liability for the faithful performance of said contract by the said Coleman or his assignees.

Resolved, That a copy of this resolution be indorsed upon the several contracts above referred to and certified by the President and Secretary of the Aqueduct Commissioners.

The same were adopted by the following vote:

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, William P. Gay, now employed as Laborer in the Engineer Corps of the Aqueduct Commissioners, be and hereby is appointed Axeman in said corps, at a salary of sixty dollars ($60) per month.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment, viz.:

1. Of Coleman & Washburn & Washburn, for labor and material furnished in fastening Carver's bridge, on west branch of Croton river, amounting to fourteen dollars and sixty-three cents ($14.63).

2. Of B. B. Requa, for battens used for building constructed for cement testing at New Croton Dam, amounting to four dollars and eighty cents ($4.80).

3. Of Samuel Hopkins, for board, amounting to twenty-five dollars and twenty-four cents ($25.24).

4. Of R. D. Philbin, for board, amounting to fifty-two dollars and forty-eight cents ($52.48).

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolutions:

Whereas, The Chief Engineer of this Commission has certified in writing, under date of January 2, 1895, that John Twiname has completely performed and carried out the provisions of the contract made by him with this Commission on the 31st day of May, 1893, for constructing highways or roads and their appurtenances, fences, etc., at Reservoir "M," in the Town of North Salem, Westchester County, N. Y., and has stated from actual measurements the whole amount of work

done and materials furnished under and according to the terms of said contract, and of the true value thereof; therefore

Resolved, That the Aqueduct Commissioners do accept the work done and materials furnished by John Twiname, under the contract above referred to, and direct that a proper voucher for the final payment for work done and materials furnished under said agreement be approved by the Aqueduct Commissioners and certified to the Comptroller for payment.

Resolved, That the Aqueduct Commissioners do hereby approve the appraisal of the Chief Engineer to the effect that no direct and computable damage has been caused to the City by the failure of Contractor John Twiname to complete by October 1, 1894, the work provided for by his contract with the Mayor, Aldermen and Commonalty of the City of New York, dated May 31, 1893.

The same were adopted by the following vote:

Affirmative—Commissioners Duane, Tucker, Scott and Cannon.—4.

The Committee also presented the following communication, received from the Chief Engineer:

NEW YORK, January 2, 1895.

To the Honorable the Committee on Construction:

GENTLEMEN—On December 31, 1894, the attorney of the Road Commissioners of Carmel called here to represent that the traffic between Carmel and Lake Mahopac would be interrupted in case of a freshet, and to claim that in such an emergency a temporary road should be provided by the Aqueduct Commissioners.

There is no question that such an interruption may occur, as you well know.

If you think it advisable to favorably consider the claim of the local authorities, the remedy should be applied without delay, and I immediately asked the Division Engineer to make a preliminary investigation. From it, it results that if a temporary road were built on the line recommended by the attorney, it would cost about $1,000 and would require four or five weeks for its completion.

Another and, I think, better arrangement could probably be made by turning the traffic over the top of the auxiliary dam, erecting on the latter a temporary fence and building a short spur of road. The cost of this improvement would be less than the former plan, and as it could be completed in a comparatively short time, I think it would be preferable.

The investigation is now being continued, and as time presses I would ask you to authorize the Chief Engineer to arrange with contractors Coleman & Washburn & Washburn or Flanagan & Son, to do such work as, in his opinion, will be necessary under the circumstances, the cost not to exceed $1,000.

I am, respectfully,

A. FTELEY, Chief Engineer.

And recommended the adoption of the following resolution:

Resolved, That the Chief Engineer be and hereby is authorized to arrange with contractors Coleman & Washburn & Washburn or John Flanagan & Son, or both, to carry out the suggestions above set forth by him, the cost of the same not to exceed the sum of one thousand dollars ($1,000).

On motion of Commissioner Scott, the same was adopted.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10013 to 10024, inclusive, amounting to $498.47, and of final estimate contained in Voucher No. 10025, amounting to $7,863.14.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

Pursuant to the By-laws, General James C. Duane was elected President, and Mr. John J. Tucker, Vice-President, of the Aqueduct Commissioners for the ensuing year.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

NOTE.—On Wednesday, January 9, 1895, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

NOTE.—On Wednesday, January 16, 1895, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, January 23, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Committee of Finance and Audit reported their examination and audit of estimates contained in Vouchers Nos. 10026 to 10031, inclusive, amounting to $37,424.13, and of bills contained in Vouchers Nos. 10038 to 10058, inclusive, amounting to $398.12.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That the following-named laborers, temporarily employed at Jerome Park reservoir, be and hereby are discharged for lack of work, as of January 22, 1895 :

John Farrell.	Abraham Pratt.	Joseph Croyhan.
Lawrence Donohue.	John Rush.	Martin Platt.
Thomas Shay.	John Trainor.	Lawrence McCarroll.
Thomas Barry.		

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bills are hereby approved and ordered certified to the Comptroller for payment, viz. :

1st. Of George Juengst & Sons, for repairs on gate at Sodom Gate-house, amounting to seventeen dollars and eighty-five cents ($17.85).

2d. Four bills of Keuffel & Esser Company, for repairs to instruments, etc., amounting to twenty-seven dollars and twenty cents ($27.20).

On motion of Commissioner Tucker, the same was adopted.

The Committee also presented the following communication, received from the Chief Engineer :

NEW YORK, January 23, 1895.

To the Honorable the Committee on Construction :

GENTLEMEN—On January 9 you authorized me to ask for bids for the furnishing of a number of 48-inch pipes, for the purpose of extending the blow-off at Shaft No. 25 into Harlem river, beyond the lines of the Speedway.

I have asked bids from the following firms :

R. D. Wood & Company, of Philadelphia ; Warren Foundry and Machine Company, of Phillipsburgh, Pa. ; McNeal Pipe and Foundry Company, of Burlington, N. J. ; Reading Foundry Company (Limited), of Reading, Pa. ; John Fox, of New York.

The last two firms declined to bid.

The bids received are as follows :

R. D. Wood & Company	$898 87
Warren Foundry and Machine Company	910 75
McNeal Pipe and Foundry Company	965 78

The prices given are very low—being for the lowest bidder $18.70 per ton of 2,000 pounds for pipes and 2⅛ cents for the special castings—delivered on the dock at High Bridge.

I consequently recommend that you authorize the Chief Engineer to order the pipes and special castings from Messrs. R. D. Wood & Company.

I am, respectfully,

A. FTELEY, Chief Engineer.

And recommended the adoption of the following resolution :

Resolved, That authority be and hereby is given to the Chief Engineer to order the pipes and special castings above referred to from R. D. Wood & Company at their prices of eighteen dollars and seventy cents ($18.70) per ton of two thousand pounds for pipes and two and one-eighth cents (2⅛ cents) for the special castings.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon.—4.

The Committee also presented the following :

PURDY'S STATION, NEW YORK, January 23, 1895.

To the Honorable the Board of Aqueduct Commissioners of the City of New York :

GENTLEMEN—We have to announce to your body the completion of the Titicus Dam, and to ask that the retained percentage on the work be now paid to us.

All masonry, earthwork, ironwork, valves, gates, fencing, all work of every description in connection with the Gate House superstructure, and all things necessary to the impounding and control of water are completed.

The City has had the reservoir in use for some time, and a large supply is already stored behind it and daily increasing.

Ballast and sand are delivered and awaiting mild weather to be placed on a short piece of roadway on top of the dam, and there is a strip of sodding which is necessarily left in order to get to the roadway with teams. This work amounts to less than $1,500. The roadway would have been finished early in the winter were it not that the Engineers ordered the work stopped for fear of the effects of frost on the green concrete.

We know of no equitable reason why our retained percentage should not now be paid to us. The reservoir is in use and the City is deriving full benefit from it. The roadway referred to is a mere bagatelle, and the materials for making it are on the ground and no portion of the value of them has been paid to the contractor. The contractor proposes and will give satisfactory guarantee that the roadway will be finished by him as soon as the Engineers permit it at the prices of the present contract.

We have immediate and pressing needs for this money ; other operations have been based on a prompt payment at the expiration of our contract time, 31st December, 1894. The retained percentage on two other City contracts in which members of our firm are interested, the Carmel Dams, is now large, and the interest account of money borrowed to carry on these contracts is a heavy burden. The payment of the retained percentage on the Titicus Dam would remove this burden at once.

We believe that it is not necessary to do more than refer to the satisfactory character of the work at Titicus Dam, and to the absence of questions of quantity and quality of work which might prevent a settlement.

We feel that there is no single circumstance in connection with the question of our retained percentage which would not argue and bear testimony to the extreme unfairness and harshness of keeping from us any longer our retained percentage.

We would ask, however, that in the event of its being impossible for any reason, to pay us now the whole amount of our retained percentage, that there be paid to us $90,000 of it. We would request that this be a last resort, and trust that it will not be necessary to turn to it.

Respectfully,

WASHBURN, SHALER & WASHBURN.

NEW YORK, January 23, 1895.

To the Honorable the Committee on Construction :

GENTLEMEN—I beg to submit herewith the accompanying communication from Messrs. Washburn, Shaler & Washburn, contractors for Reservoir "M."

Titicus Dam, as you are aware, is practically finished and the water is now rising l

In the beginning of the present year there was a small amount of work remaining to be done, consisting of concrete and road ballast on the top of the masonry dam, and of the sodding of a portion of the top of the bank. The weather was then too severe for the proper performance of that work, and I was compelled to order the contractors to suspend work, which cannot be resumed until spring.

After the December estimate, there was due to the contractors the sum of $95,937.98, it being the percentage retained on the work done. The figures for the final estimate have not been finally adjusted, but they will not be far from that amount.

Inasmuch as the contractors have been prevented by the weather from doing the remaining work, the value of which is about $1,500, and on the ground that the City is now having the full benefit of the dam, behind which the storage is accumulating, the contractors ask whether it would be possible to release to them a sum of $90,000.

As far as the work is concerned, the City's interest would not in any way suffer from the payment at this time of the sum named.

Unless you find other objections to the payment of the sum mentioned to the contractors, I respectfully recommend that their request be complied with.

I am, respectfully,

A. FTELEY, Chief Engineer.

And recommended the adoption of the following preambles and resolution :

Whereas, Washburn, Shaler & Washburn, contractors for the construction of an earth and masonry dam for Reservoir "M.", on Titicus river, near Purdy's Station, New York, have applied to the Aqueduct Commissioners for the release and payment to them of ninety thousand dollars ($90,000), part of the retained percentage under their said contract ; and

Whereas, It appears from the letter of said contractors, dated January 23, 1895, and from the report of the Chief Engineer, bearing the same date, that the retained percentage on said work amounts to ninety-five thousand, nine hundred and thirty-seven dollars and ninety-eight cents ($95,937.98) ; that all the work under said contract has been practically finished except a small amount of work, consisting of the completion of the roadway across the top of the dam, and a small strip of sodding, which will not cost at contract prices more than fifteen hundred dollars ($1,500) ; that the contractors were ready and willing to complete this work early in the winter, but were prevented from so doing by the Chief Engineer because of the inclemency of the weather ; that the City has taken possession of the work and is actually impounding water behind the dam ; and

Whereas, The Chief Engineer has reported, and the Aqueduct Commissioners are of opinion, that the City's interest will not in any way suffer from the payment at this time of the sum requested by the contractors to be released and paid to them ;

Resolved, That the Aqueduct Commissioners hereby request and advise the Comptroller to release and pay to Washburn, Shaler & Washburn, contractors for the construction of an earth and masonry dam for Reservoir "M," on Titicus river, near Purdy's Station, New York, out of the ten per cent. retained for work done under said contract, the sum of ninety thousand dollars ($90,000), providing said coutractors shall consent that said payment be considered as having been

made under said contract, and provided that the sureties of said contractors consent to such payment.

The same was adopted by the following vote:

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also recommended the adoption of the following resolution:

Resolved, That, on account of ill health, an indefinite leave of absence, from February 1, 1895, be and hereby is granted to the Chief Engineer of this Commission.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That during the absence of the Chief Engineer, and until the further order of this Board, Division Engineer Alfred Craven is hereby designated to perform all the duties and to be vested with all the powers of the Chief Engineer, with the title of "Acting Chief Engineer."

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution:

Whereas, In the opinion of the Aqueduct Commissioners, the further sum of five hundred thousand dollars will be required to defray the necessary and lawful expenditures of said Commissioners; now, therefore, be it

Resolved, That the Comptroller of the City of New York be and he is hereby requested to raise the sum of five hundred thousand dollars ($500,000), upon bonds of the City of New York, in conformity with the requirements of section 32, chapter 490, Laws of 1883, of the State of New York, for the uses and purposes of the Aqueduct Commissioners, as set forth in said chapter and section of said law.

The same was adopted by the following vote:

Affirmative—Commissioners Duane, Tucker, Scott, and Cannon—4.

The Secretary presented abstract of trial balance, showing the expenditures of the Aqueduct Commission from its inception to December 31, 1894.

On motion of Commissioner Scott, the same was received and ordered spread upon the minutes as follows:

Abstract of Trial Balance, December 31, 1894.

Commissioners' Office.	
Salaries of Commissioners	$264,602 07
Salaries of Secretary and employees	157,899 16
Stationery	4,548 77
Furniture and fixtures	3,372 26
Rent	46,534 40

Incidental expenses	$7,639 53	
Books, maps and drawings	746 05	
Traveling expenses	1,850 74	
Advertising	30,282 94	
Stenographic reports	4,334 29	
		$521,809 71
Chief Engineer's Office.		
Salaries of Engineers, etc	$521,808 73	
Stationery	7,062 38	
Furniture and fixtures	4,657 69	
Rent	54,519 35	
Incidental expenses	8,817 46	
Books, maps and drawings	22,076 85	
Consulting Engineer's fees	100 00	
Drawing instruments, tables and materials	4,550 27	
Testing machines and tests	8,211 81	
		631,804 54
Tarrytown Office.		
Salaries of Engineers	$57,692 24	
Stationery	1,180 41	
Furniture and fixtures	750 25	
Rent	6,600 00	
Incidental expenses	4,227 91	
Books, maps and drawings	92 81	
Drawing instruments, tables and materials	1,127 78	
Laborers on the line	2,703 17	
Drivers and Laborers	19,989 03	
Field instruments and implements	8,791 99	
Traveling expenses	4,094 53	
Harness and stable fittings	2,051 20	
Maintenance—Horses and wagons	11,122 82	
Horses	3,573 00	
Wagons	1,518 00	
Hire of horses and wagons	2,577 25	
		128,092 39
Division Engineers.		
Salaries of Engineers and Laborers, old account	$154,834 84	
" " new account	1,610,711 11	
Stationery	7,326 29	
Furniture and fixtures	5,737 66	

Rent	$26,920 63	
Incidental expenses	16,253 08	
Books, maps and drawings	102 97	
Drawing instruments, tables and materials	3,446 90	
Field instruments and implements	18,695 47	
Traveling expenses	8,920 97	
Harness and stable fittings	2,351 73	
Maintenance—Horses and wagons	19,352 78	
Horses	3,750 00	
Wagons	2,551 00	
Heating headquarters	11,293 12	
Hire of horses and wagons	2,165 35	
Testing machines and tests	3,061 42	
Laborers on the line	15 75	
Auxiliary offices	4,165 12	
		$1,901,656 19
Croton Lake Survey.		
Salaries of Engineers and Laborers	$39,620 04	
Incidental expenses	17 34	
Field instruments and implements	583 16	
Traveling expenses	340 92	
Hire of horses and wagons	130 25	
Maintenance—Horses and wagons	51 60	
Rent	24 00	
Harness and stable fittings	45	
Drawing instruments, tables and materials	1 00	
		40,768 76
New Reservoir Survey.		
Salaries—Engineers and Laborers	$9,588 00	
Drawing instruments, tables and materials	25 68	
Field instruments and implements	434 31	
Furniture and fixtures	6 38	
Traveling expenses	8 54	
Stationery	91	
Incidental expenses	52 06	
		10,118 88
Sodom Dam Survey.		
Salaries—Engineers and Laborers	$7,072 68	
Maintenance—Horses and wagons	2 00	

Field instruments and implements	$86 49	
Hire of horses and wagons	50 75	
Incidental expenses	44 98	
Stationery	1 50	
Traveling expenses	47 10	
		$7,305
Surveying Dam Sites.		
Salaries of Engineers and Laborers	$36,402 76	
Stationery	33 30	
Hire of horses and wagons	102 00	
Field instruments and implements	114 42	
Heating headquarters	6 93	
Furniture and fixtures	37 50	
Traveling expenses	930 16	
Drawing instruments, tables and materials	7 80	
Incidental expenses	57 55 896 18	
Maintenance—Horses and wagons	793 95	
Rent	815 70	
Books, maps and drawings	8 00	
		40,206 2
Principal Assistant Engineer, New York Office.		
Heating headquarters	$9 25	
Stationery	59 06	
Furniture and fixtures	36 24	
Incidental expenses	53 36	
		157 9
Aqueduct Commissioners' Report, 1883–1887	$8,901 51	
Aqueduct Commissioners' Report, 1887–1892	27 98	
Engraving and printing	28,008 35	
Reports of Engineers and Aqueduct Commissioners on Quaker Bridge Dam	1,473 16	
Reports of Engineers on High Masonry Dam	490 75	
Construction damages	699 50	
Claims for damages	2,438 50	
Taxes on lands	18,256 07	
Land agents	1,168 65	
Diamond rock-boring drills	157,003 79	
Diamond rock borings	7,077 42	
Monumenting the line	3,712 98	
Monumenting Sodom Dam Survey	1,546 72	
Monumenting Aqueduct Tunnel—Division Engineer	143 72	

Models	$1,355 43	
Observatory towers	1,805 95	
Judgments	36,601 13	
Land and land damages	64,563 07	
Examination of ventilation and lighting	1,306 36	
Examining Engineers	11,041 82	
Board of Experts, etc., Quaker Bridge Dam	12,550 00	
Experts examining construction work	11,926 16	
Experts on water-gates and other machinery	210 00	
Inspection of cast-iron pipes, etc	8,414 30	
East Branch Reservoir, incidental expenses	165 00	
Abating nuisances in the Croton water-shed	12,846 88	
Monumenting Brewster reservoirs	393 00	
		$394,128 20

Contracts.

	ESTIMATE.	CONTRACTOR.		
Section 1	Final.	Smith & Brown	$649,964 62	
" 2	"	Brown, Howard & Co	2,493,664 38	
" 3	"	"	1,838,247 04	
" 4	"	"	1,807,819 50	
" 5	"	"	812,370 91	
" 6	"	O'Brien & Clark	748,852 97	
" 7	"	"	1,783,419 68	
" 8	"	"	1,457,678 22	
" 9	"	"	1,924,161 07	
" B	"	Heman Clark	1,516,572 46	
" A	"	"	1,105,840 58	
" 12	"	Chas. Peterson, assignee of O'Brien & Clark	140,182 91	
" 12	36	O'Brien & Clark	401,740 13	
" 13	Final.	John Brunton & Co	427,641 42	
" 14	"	"	647,869 75	
" 15	"	Richard A. Malone	156,358 20	
" 15½	"	Robert Hanna & Co	27,416 82	
" 16	"	O'Brien & Clark	1,013,220 54	
" 17	"	Richard J. Malone	37,621 69	
East Branch Reservoir Dam	....	Sullivan, Rider & Dougherty	436,499 05	
Dams 1 and 2, and adjacent tunnel	....	David R. Paige & Co	329,798 04	

	ESTIMATE.	CONTRACTOR.	
Deepening and finishing Shaft No. 24	Final.	O'Brien & Clark	$91,904 59
Iron-lined masonry Aqueduct, near Shaft 30	"	Breuchaud, Pennell & Co	69,369 20
Stop-cock valves, etc., on Section 15	"	Coldwell, Wilcox & Co	19,649 53
Gate-house superstructure, etc., at Pocantico	"	John Peirce	21,717 92
Shaft 13A, Section 7	"	O'Brien & Clark	22,963 40
" 13½, " 7	"	"	18,093 69
" 15½, " 7	"	John A. Lee	15,412 90
One Hundred and Thirty-fifth Street Gate-house doors, windows, etc., Section 15	"	Charles W. Palmer	6,935 00
Cast-iron work, wrought-iron work, etc., New Croton Gate-house, Section 1	"	Coldwell, Wilcox & Co	16,057 02
Highways or roads, etc., at East Branch and Bog Brook Reservoirs	"	Clinton Stephens	90,851 69
Gate-house superstructure walls for blow-off chamber at Ardsley, Section 7	"	O'Brien & Clark	4,900 00
Cutting timber and clearing grounds, East Branch and Bog Brook Reservoirs	"	Pennell & O'Hern	8,975 00
22 2' x 5' sluice-gates, etc., Sections 15 and 17	"	John Fox	14,190 00
3' x 4' sluice-gates, etc., Pocantico, Ardsley and South Yonkers Gate-houses, Sections 4, 7 and 9	"	"	6,750 00
3' x 6' sluice-gates, etc., New Croton Gate-house, Section 1	"	"	21,900 00
Earth and masonry dam, Reservoir "M," on Titicus river, near Purdy's Station	....	Washburn, Shaler & Washburn.	862,417 54
Gate-house superstructure at South Yonkers, Section 9	Final.	O'Brien & Clark	20,349 79
Gate-house superstructure, etc., for new gate chambers at Croton Dam, Section 1	....	Smith, Brown & Coleman	51,783 01
Combined stationary hoisting engines, etc., for Shaft 25, Section 12	Final.	Charles Peterson	11,250 00
Two pairs horizontal tubular boilers, etc., Shaft 25, Section 12	"	West Point Manufacturing Company	11,900 00
Earth and masonry dam, Reservoir "D"	....	Michael S. Coleman	127,039 74
Earth and masonry dam, Reservoir "D"	....	Coleman & Washburn & Washburn, assignees of Michael S. Coleman.	204,566 33
Auxiliary earth and masonry dam, near Craft's Station, Reservoir "D"	....	Michael S. Coleman	57,480 99
Auxiliary earth and masonry dam, near Craft's Station, Reservoir "D"	....	Coleman & Washburn & Washburn, assignees of Michael S. Coleman.	70,333 29
Eleven head-house superstructures, etc., for the shafts	Final.	Breuchaud, Pennell & Co	40,251 28
Blow-off Shaft 24, Section A	....	John M. Waddle	1,644 91
" 24, " A	....	John F. Gaynor, assignee of John M. Waddle	19,557 43
" 24, " A	....	New York Central and Hudson River Railroad Company	491 84
Two complete portable hoisting plants	Final.	West Point Manufacturing Company	7,800 00
Highway, retaining-walls, appurtenances, etc., Croton Dam	....	Augustine M. Newton	16,717 09
Grading, improving and fencing grounds, One Hundred and Thirty-fifth Street Gate-house.	....	Peter J. Moran	9,564 77

	ESTIMATE.	CONTRACTOR.		
Grading, improving and fencing grounds at several of the shafts	....	Hyman Levy & Thomas Quinn	$22,374 14	
Head-house and engine-room superstructure, etc., Shaft 25, Section 12	....	John Peirce, assignee of W. H. Baker.	43,605 80	
Two brick engine-houses for the portable hoisting plants	....	John Twiname	9,546 00	
New Croton Dam	....	James S. Coleman	638,859 79	
Fencing the boundary of the East Branch Reservoir	....	John E. Brooks	10,647 73	
Highways or roads and their appurtenances at Reservoir "D"	....	Peter J. Moran	3,083 52	
Highways or roads and their appurtenances at Reservoir "D"	....	John Flanagan, assignee of Peter J. Moran	85,875 32	
Highways or roads and their appurtenances at Reservoir "M"	....	John Twiname	59,003 69	
Six sluice-gates with hoisting apparatus, Gate-house, Titicus Dam	....	Coldwell, Wilcox Co	4,479 00	
Highways or roads and their appurtenances, Reservoir D	....	John Flanagan & Son	12,013 96	
Total contracts	.....			$22,589,246 88

Agreements.

	ESTIMATE.	CONTRACTOR.		
Shaft 11C, Section 5	Final.	Brown, Howard & Co	$5,000 00	
" 12C, " 6	"	O'Brien & Clark	5,000 00	
" 16½, " 8	"	"	5,000 00	
" 18½, " 9	"	"	5,000 00	
" 19½, " B	"	Heman Clark	5,000 00	
" 17½, " 8	"	Thomas O'Hern	2,222 12	
Culvert at Shaft 19, Section 9	"	O'Brien & Clark	4,893 74	
" 20, " B	"	Heman Clark	2,932 05	
" 23, " A	"	O'Brien & Clark	3,208 86	
Crib dock, near Shaft 25, Section 12	"	Charles Peterson	3,694 60	
Ironwork—For Saw Mill River Blow-off, etc., Section 7	"	Coldwell, Wilcox & Co	1,962 57	
Ironwork—For Pocantico Blow-off, etc., Section 4	"	"	144 11	
Ironwork—For Tibbett's Brook Blow-off, etc., Section 9	"	"	144 11	
Ironwork—For lining Shafts 22 to 24, Section A	"	"	3,463 43	
Ironwork—For lining Shaft 20, Section B	"	"	2,663 28	
Ironwork—For lining Shaft 28, Section 13	"	"	2,315 02	
Ironwork—For lining Shaft 29, Section 14	"	"	2,358 57	
Cast and wrought iron ladders for shafts, Sections 1 to 9 and B and A	"	"	2,824 25	
Roof, iron floor plates, etc., at Ardsley Gate-house, Section 7	"	"	3,326 70	
Cast-iron special pipe lining and manhole covers, etc., Shaft 24, Section A	"	"	4,931 19	

	Estimate.	Contractor.		
Filling low ground, Shaft Site No. 12, Section 6	Final.	O'Brien & Clark	$4,910 00	
Cave-in, Shaft 13, Section 7	"	"	5,000 00	
Laying 20" pipe along the incline adjacent to Shaft 24, Section A	"	"	2,895 83	
Grouting near Shaft 17½, on Section 8	"	"	4,427 50	
Grouting, Stations 778+00 and 779+30, Section 7	"	"	1,075 00	
Grouting on Section 13	"	Rogers, Shanly & Co	5,000 00	
Grouting near Shaft 30	"	Breuchaud, Pennell & Co	2,900 93	
Lining Shaft 24, Section 8	"	The McNeal Pipe and Foundry Co	987 32	
Highway, trestle-work and bridges at Croton Dam, Section 1	"	Smith & Brown	4,500 00	
Sodding the South Yonkers embankment on Section 9	"	Rider & Dougherty	1,575 57	
Taking down and enlarging top of Shaft 11C, Section 5	"	C. L. Kalmbach	2,917 32	
Walls, foundations, etc., near blow-off chamber, Shaft 25, Section 12	"	Charles Peterson	2,233 12	
Frame head-house and engine-room at Shaft 25, Section 12	"	"	3,690 00	
Frame boiler-house and coal-bin at Shaft 25, Section 12	"	"	3,635 00	
9" anti-friction pump and improved turbine wheel, etc., Croton Dam Gate-house, Section 1	"	Joseph Edwards & Co	2,135 00	
6 2' x 5' sluice-gates at Bog Brook and Sodom Dams	"	John Fox	4,200 00	
Pivot gate, Bog Brook Dams 1 and 2	"	Coldwell, Wilcox & Co	2,445 00	
Finishing Shaft 21	"	William H. Baker	1,660 81	
Fence at Shaft 24	"	Francis V. Smith	865 24	
Soiling, sodding and seeding slope and adjacent grounds at Shaft 24	"	John Twiname	900 90	
2 2' x 10' sluice-gates at Bog Brook Tunnel Gate-house	"	John Fox	2,750 00	
Two-story and attic frame office building	"	John Schlachter	4,650 00	
Bridge across Saw Mill river, near Shaft 12	"	Daniel Carpenter	816 50	
Cutting timber and clearing grounds at Reservoir "M," Purdy's Station	"	John L. Merritt	3,448 00	
Extra work, grading, improving and fencing grounds at several of the shafts	"	Levy & Quinn	749 01	
Extra work on two-story and attic frame office building near New Croton Dam	"	John Schlachter	233 45	
Highway Bridge at Salem Centre, Reservoir "M"	"	The Berlin Iron Bridge Co	673 00	
Highway Bridge at Carmel, N. Y.	"	"	1,122 00	
				$138,481 10

Bailing, pumping and taking care of water on Section A	$1,669 73
Pumping water in iron pipes, Section 12	6,063 65
" " 13	5,405 00
" " 14	7,935 00
Iron pipe laid in tunnel, Section A	4,615 76
" " B	980 50

48-inch pipes at Shaft 11B	$327 50	
48-inch stop-cock valves	4,500 00	
Ironwork, etc.—		
At shafts	21,786 07	
For gate-houses and blow-offs	20,466 85	
For dams	8,533 27	
Timber work, etc., at shafts and gate-houses	19,901 71	
Explorations under the Harlem river	4,384 26	
Experimental section in concrete, at Shaft 18	185 25	
Extra work, etc., on Section 1	4,616 03	
" " 6	42 70	
" " 12	171 35	
" " 14	696 21	
" " 15	89 32	
" " 16	668 98	
" enlarging Shaft 11C	147 81	
" on the Pocantico Gate-house	287 44	
" on the eleven head-houses	325 64	
Extra work, etc., grading, improving and fencing grounds at One Hundred and Thirty-fifth Street Gate-house	256 73	
Extra work, etc., on Dams Nos. 1 and 2	444 31	
" on blow-offs, etc., Shaft 24	615 24	
" repairing roof, New Croton Gate-house	111 82	
" head-house, Shaft 25	305 28	
" Purdy's Dam	184 05	
		$115,717 46
Additional work, Section 9	$49 37	
" " 12	65 73	
" " A	1,609 56	
" East Branch Reservoir Dam	2,250 08	
" Dams Nos. 1 and 2	480 06	
" earth and masonry dam, Reservoir "M"	1,339 53	
" highways or roads, etc., at East Branch and Bog Brook Reservoirs.	3,095 00	
" Shaft 21	95 85	
" two brick engine-houses	911 75	
" iron-lined masonry Aqueduct near Shaft 30	2,000 00	
" grubbing and clearing grounds, Shaft 24	40 70	
" Shafts Nos. 15½ and 16	43 50	
Removing solid rock in Harlem river, near Shaft 25	701 03	
Grading, etc., trenches, Quaker Bridge Dam site	150 00	
Grading and finishing the grounds adjacent Shaft 19⅝	125 00	

Surveys and topographical map, Croton Watershed	$7,000 00	
Soundings south of One Hundred and Thirty-fifth street	931 18	
Sinking Test Pits—		
Titicus river and Reservoir "D" dam sites	540 35	
Cornell Dam sites	63 56	
Hoisting-engines for shafts	1,700 00	
Coating interior of Aqueduct with cement	8,384 37	
Telephone line	4,995 62	
Preparing, pumping, etc., inverted siphon, sections	2,643 91	
Preparing the Aqueduct for permanent use	211 66	
Iron bridge on the East Branch of the Croton river	2,145 00	
Fencing around reservoirs, shaft-sites, etc	2,020 43	
Drain in One Hundred and Sixty-seventh street and Amsterdam avenue	906 00	
Repairs, Janitor's house, New Croton Dam	47 42	
Furnishing cast-iron pipes, special castings, etc	1,657 10	
12-inch cast-iron water-pipe—Water supply, Sing Sing Prison	1,419 93	
		$47,623 69
Commissioners of Appraisal—Awards.		
Twenty-fourth Ward	$163,090 47	
Manhattan Island Section	802,230 93	
Westchester County	435,088 62	
Putnam County Section	504,249 50	
		1,904,659 52
Commissioners of Appraisal.		
City and County of New York	$101,339 42	
Westchester County	461,718 28	
Manhattan Island Section	78,860 04	
Putnam County Section	141,881 53	
		783,799 27
Total expenditures		$29,255,576 25
Cr.		
Additional Water Stock		$28,695,000 00
Premium account		607,168 70
Additional Water Fund—"Miscellaneous"		17,141 49
Total receipts		$29,319,310 19
Balance, Comptroller's account		$63,733 94

Statement of Receipts and Expenditures of the Aqueduct Commissioners, December 31, 1894.

RECEIPTS.			
From Bonds Issued—			
Amount of bonds	$28,695,000 00		
Premiums on same	607,168 70		
From proceeds of miscellaneous sales, etc	17,141 49		
Total receipts		$29,319,310 19	
EXPENDITURES.			
Vouchers, pay-rolls, etc	$3,774,826 41		
Contracts, agreements, etc	22,727,727 98		
Land and land damages	64,563 07		
Commissioners of Appraisal—			
Awards	1,904,659 52		
Fees of Counsels, Commissioners, etc	783,799 27		
Total expenditures		29,255,576 25	
Balance, Comptroller's account			$63,733 94

The Comptroller, under date of December 31, 1894, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners for :

Cornell Dam	$5,560 40
Reservoir "M"	11,869 66
Westchester County section	8 45
Cornell site	215 25
Reservoir "M"	101 00

And stating that bonds had been issued for the credit of the "Additional Water Fund," as follows :

December 3, 1894	$70,000 00
December 27, 1894	130,000 00
Leaving a balance to the credit of said fund of	$106,915 22

Which was ordered entered upon the books of the Commissioners and filed.

On motion of Commissioner Cannon, the Standing Committees of the Commissioners, as now constituted, were elected for the ensuing year.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, January 30, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, a leave of absence of three weeks from February 27, 1895, without pay, be and hereby is granted to August Jadin, Rodman with the Croton River Division, and until he shall be assigned to duty by the Chief Engineer.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That an appropriation of sixty dollars be and hereby is made to cover the cost of exchanging a "Caligraph" typewriting machine in use in the office of the Chief Engineer.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment :

1st. Of Ball Brothers, for putting a furnace flue from cellar to attic of office building at Katonah, N. Y., amounting to twenty-two dollars ($22).

2d. Of George Juengst & Sons, for making and repairing tools for use at the New Croton Gate-house, amounting to twenty-one dollars ($21).

3d. Of E. Wegmann, Jr., for carfares of members of engineering party employed at Jerome Park Reservoir, amounting to thirteen dollars and twenty-nine cents ($13.29).

4th. Of Samuel Hopkins, for transportation and board, amounting to twenty-seven dollars and four cents ($27.04).

5th. Of Robert L. Fraser, for transportation and board, amounting to twenty-six dollars and seventy-nine cents ($26.79).

6th. Of William James, for transportation and board, amounting to twenty-four dollars and twenty-four cents ($24.24).

7th. Of Bert Tompkins, for transportation and board, amounting to twenty-four dollars and ninety-four cents ($24.94).

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, The Chief Engineer of this Commission has certified in writing, under date of January 28, 1895, that William Gilmore has completely performed and carried out the provisions of the contract made by him with this Commission on the 20th day of November, 1894, for clearing grounds of Reservoir "M," near Purdy's Station, in the Town of North Salem, Westchester County, N. Y., and has stated from actual measurements the whole amount of work done and materials furnished under and according to the terms of said contract, and of the true value thereof; therefore

Resolved, That the Aqueduct Commissioners do accept the work done and materials furnished by William Gilmore, under the contract above referred to, and direct that a proper voucher for the final payment for work done and materials furnished under said contract be approved by the Aqueduct Commissioners and certified to the Comptroller for payment.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, The Chief Engineer of this Commission has certified in writing, under date of January 28, 1895, that John Flanagan, assignee of P. J. Moran, has completely performed and carried out the provisions of the contract made by said Moran with this Commission on the 11th day of April, 1893, for constructing highways or roads and their appurtenances at Reservoir "D," in the Town of Carmel, Putnam County, N. Y., and has stated from actual measurements the whole amount of work done and materials furnished under and according to the terms of said contract, and of the true value thereof; therefore

Resolved, That the Aqueduct Commissioners do accept the work done and materials furnished by John Flanagan, assignee of P. J. Moran, under the contract above referred to, and direct that a proper voucher for the final payment for work done and materials furnished under said contract be approved by the Aqueduct Commissioners and certified to the Comptroller for payment.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon.

The Committee also presented forms of contract, specifications and bond, received from the Commissioner of Public Works on January 28, 1895, to provide for cutting timber and clearing grounds of Reservoir "D," near Carmel, in the Towns of Carmel and Kent, Putnam County, New York, and recommended the adoption of the following resolutions :

Resolved, That the forms of contract, specifications and bond, submitted by the Commissioner of Public Works on January 28, 1895, and approved by the Counsel to the Corporation "as to

form," for cutting timber and clearing grounds of Reservoir "D," in the Towns of Carmel and Kent, Putnam County, New York, be and the same are hereby approved and adopted; and the Secretary is hereby directed to have triplicate copies thereof prepared for certification by the Aqueduct Commissioners, and filed in accordance with section 25, chapter 490, Laws of 1883.

Resolved, That the President and Secretary be and they are hereby directed to advertise in the CITY RECORD, "New York Tribune" and "Evening Post" a notice and advertisement inviting sealed bids for cutting timber and clearing grounds of Reservoir "D," near Carmel, in the Towns of Carmel and Kent, Putnam County, New York, as provided in the contract and specifications this day approved and adopted by the Aqueduct Commissioners.

The same were adopted by the following vote:

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Secretary gave notice of the filing of a lien by John Olson against Freeman H. Merritt, of White Plains, New York, for salary due him by said Merritt under the contract of Coleman & Washburn & Washburn, assignees of Michael S. Coleman, contractor, for the construction of an earth and masonry dam for Reservoir "D," on the west branch of the Croton river, near Carmel, New York, amounting to seventy-one dollars and twenty cents ($71.20).

Which was ordered filed.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10,059 to 10,070, inclusive, amounting to $3,086.52, and of estimates contained in Vouchers Nos. 10,071 to 10,073, inclusive, amounting to $101,250.48.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, February 6, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That Walter J. Sager, Foreman, and Stephen Washburn, Laborer, employed at the Jerome Park Reservoir, be and hereby are discharged, for lack of work, as of February 5, 1895.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That James Stafford, employed as Laborer at the Jerome Park Reservoir, be and hereby is discharged, for lack of work, as of February 1, 1895.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Acting Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment, viz.:

1st. Of Jonson Engineering & Foundry Company, for hood castings, etc., for gate-house at Titicus Dam, amounting to eighty-six dollars and thirty-seven cents ($86.37).

2d. Of Coleman & Washburn & Washburn, for cement, amounting to seventy-three cents (73c.).

3d. Of George Juengst & Sons, for bronze washers for use at gate-house at Titicus Dam, amounting to two dollars ($2).

On motion of Commissioner Tucker, the same was adopted.

The Committee presented the following communication, received from the Chief Engineer:

NEW YORK, February 2, 1895.

To the Honorable the Aqueduct Commissioners:

GENTLEMEN—In accordance with the authority given me by your resolution of January 30, 1895, I beg to report that I have obtained a number of bids for the furnishing of the galvanized chains necessary for the stop-plank system at the Brewster Dams.

The bids of the Albro-Clem Elevator Company and of the Yale & Towne Manufacturing Company are the highest.

The price of the American Chain Cable Works is higher by $34 than the bid of the Yale & Towne Manufacturing Company for the highest grade of iron that they offer to furnish, while Patterson Brothers do not specify the quality of iron, the price of which is the same as a lower grade offered by the American Chain Cable Works.

You know the importance of having the best possible iron for such articles. The additional guarantee of the American Chain Cable Works which they offer, as to the testing of the goods under the supervision of our Inspector, induces me to suggest that the order be given to them.

I have explained this matter verbally to your committee, who agreed with my views in the matter, and I have consequently ordered the chains from the American Chain Cable Works.

I am, respectfully,

A. FTELEY, Chief Engineer.

And recommended the adoption of the following resolution:

Resolved, That the action of the Chief Engineer in ordering certain galvanized chains necessary for the stop-plank system at the Brewster Dams from the American Chain Cable Works, at their bid of nine and one-half cents (9½ cents) per pound, be and hereby is approved.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Acting Chief Engineer, Joseph F. Banks, Axeman in the Engineer Corps, is hereby recommended to the Municipal Civil Service Boards for examination for promotion to the grade of "Rodman."

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Acting Chief Engineer, Marcus Washburn, Benjamin L. Blauvelt and Julian Thornley, Rodmen in the Engineer Corps, be and hereby are recommended to the Municipal Civil Service Boards for examination for promotion to the grade of "Leveler."

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Acting Chief Engineer, J. A. Rundlett and Robert H. Jacobs, Axemen in the Engineer Corps, be and hereby are recommended to the Municipal Civil Service Boards for examination for promotion to the grade of "Rodman."

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Acting Chief Engineer, R. B. Wixom and John Simmons, employed as Laborers in the Engineer Corps, be and hereby are appointed Axemen, at the rate of sixty dollars ($60) per month, the same to take effect on and after February 7, 1895.

On motion of Commissioner Scott, the same was adopted.

The Committee also presented final plan sheet, described as "Exhibit No. 1 of 1895," submitted by the Commissioner of Public Works on February 5, 1895, showing certain additional land required for the construction of the New Croton Reservoir, in the Village of Golden's Bridge and in the Village of Katonah, Town of Lewisboro, Westchester County, New York, and recommended the adoption of the following resolution :

Resolved, That, for the more efficient carrying out of the provisions of chapter 490 of the Laws of 1883 of the State of New York, and the acts amendatory thereof, we, the Aqueduct Commissioners, do hereby approve and adopt the aforesaid final plan sheet, showing certain additional land required for the construction of the New Croton Reservoir, in the Village of Golden's Bridge and in the Village of Katonah, Town of Lewisboro, Westchester County, New York, and direct that the same be duly certified and filed in this office, and designated "Final Plan Sheet No. 1 of 1895," and that a copy thereof be certified and transmitted to the Commissioner of Public Works, for filing in his office, as required by section 2 of the aforesaid act ; and the Commissioner of Public Works is hereby requested to submit the six similar property maps describing the lands to be acquired for the construction of said reservoir.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also presented six similar property maps, received from the Commissioner of Public Works on February 5, 1895, showing certain additional land required for the construction of the New Croton Reservoir, in the Village of Golden's Bridge and in the Village of Katonah, Town of Lewisboro, Westchester County, New York, and recommended the adoption of the following resolution :

Resolved, That the six similar property maps, received from the Commissioner of Public Works on February 5, 1895, showing certain additional land required for the construction of the New Croton Reservoir, in the Village of Golden's Bridge and in the Village of Katonah, Town of Lewisboro, Westchester County, New York, be and the same are hereby approved and adopted, and directed to be certified and transmitted to the Counsel to the Corporation for filing and delivery to the Commissioners of Appraisal, in accordance with the provisions of chapter 490 of the Laws of 1883 of the State of New York, and the Counsel to the Corporation is hereby requested to take the steps necessary to acquire for the city, under chapter 490 of the Laws of 1883 of the State of New York, the fee in the lands described on said map ; and the Secretary is hereby directed to furnish to the Counsel to the Corporation all maps, plans, etc., which he may require in the premises.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also recommended the adoption of the following preamble and resolutions :

Whereas, The firm of Coleman & Washburn & Washburn, assignees of Michael S. Coleman, contractor for the construction of two certain earth and masonry dams in connection with Reservoir "D," at Carmel, Putnam County, New York, under contracts made with the Mayor, Aldermen and Commonalty of the City of New York, acting by and through the Aqueduct Commissioners, dated September 19, 1890, have notified the Aqueduct Commissioners that they have executed an assignment of the moneys due or to become due under said contracts for estimates for work done during the month of January, 1895, amounting, respectively, to seven thousand three hundred dollars and seventy-one cents ($7,300.71) and two thousand seven hundred and seventy-six dollars and seventy-seven cents ($2.776.77) to the National City Bank of New York City ; and the said firm having requested the Aqueduct Commissioners to assent to said assignment, and inasmuch as the contracts for doing said work provide that the contractors shall not assign, by power of attorney or otherwise, unless by and with the consent of the Aqueduct Commissioners ; and your Committee being satisfied that it will be to the best interests of the work and beneficial to the City of New York that said consent be given ; therefore

Resolved, That the Aqueduct Commissioners hereby assent and consent to the assigning of the moneys due or to become due to Coleman and Washburn and Washburn, assignees of Michael S. Coleman, contractor, under and in pursuance of two certain contracts for the construction of two certain earth and masonry dams in connection with Reservoir "D," at Carmel, Putnam County, New York, for estimates for work done during the month of January, 1895, amounting, respectively, to seven thousand three hundred dollars and seventy-one cents ($7,300.71), and two thousand seven hundred and seventy-six dollars and seventy-seven cents ($2,776.77), to the National City Bank of New York City.

Resolved, That a copy of these resolutions be indorsed upon the contracts above referred to and certified by the President and Secretary of the Aqueduct Commissioners.

The same were adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10076 to 10095, inclusive, amounting to $661.97, and of estimates contained in Vouchers Nos. 10096 to 10100, inclusive, amounting to $30,477.34.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

NOTE.—On Wednesday, February 13, 1895, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, February 20, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Secretary presented the following :

CITY OF NEW YORK—OFFICE OF THE MAYOR,
February 18, 1895.

Mr. EDWARD L. ALLEN, *Secretary of Aqueduct Board, New York :*

DEAR SIR—The Mayor directs me to notify you that on the 13th instant Francis M. Scott resigned as an Aqueduct Commissioner, and that on the 14th instant George Walton Green was appointed in his place and stead, and qualified.

Very respectfully,

JOB B. HEDGES, Secretary.

On motion of Commissioner Cannon, the same was ordered spread upon the minutes and filed.

On motion of Commissioner Cannon, George Walton Green was elected a member of the Committee of Finance and Audit to fill the vacancy in said Committee caused by the resignation of Commissioner Francis M. Scott.

The Construction or Executive Committee presented the following :

The Construction or Executive Committee report :

That at their meeting held this day the following resolution was adopted, and they now ask your approval of their action.

Resolved, That the bid-box be closed and the keys given to the President, and that the Secretary be authorized by this Commission to receive the bids for cutting timber and clearing grounds of Reservoir "D," in the Towns of Carmel and Kent, Putnam County, New York, as called for in the approved forms of contract and specifications on file in the office of the Aqueduct Commissioners,

and also to receive the checks of the bidders, and to make the necessary preparations for opening the bids received for doing said work under the law.

On motion of Commissioner Cannon, the action of the Committee was approved.

Pursuant to the following notice, published daily for fifteen consecutive days, beginning with February 4, 1895, in the CITY RECORD, "New York Tribune" and "Evening Post," bids were received for cutting timber and clearing grounds of Reservoir "D," near Carmel, in the Towns of Carmel and Kent, Putnam County, New York :

AQUEDUCT COMMISSIONERS' OFFICE,
ROOM 209, STEWART BUILDING, No. 280 BROADWAY,
NEW YORK, February 4, 1895.

To Contractors.

Bids or proposals for doing the work and furnishing the materials called for in the approved forms of contract now on file in the office of the Aqueduct Commissioners for cutting timber and clearing grounds of Reservoir "D," near Carmel, in the Towns of Carmel and Kent, Putnam County, New York, will be received at this office until Wednesday, February 20, 1895, at 3 o'clock P. M., and they will be publicly opened by the Aqueduct Commissioners as soon thereafter as possible, and the award of the contract for doing said work and furnishing said materials will be made by said Commissioners as soon thereafter as practicable.

Blank forms of said approved contract and the specifications thereof, and bids or proposals, and proper envelopes for their inclosure, form of bonds, and all other information can be obtained at the above office of the Aqueduct Commissioners on application to the Secretary.

By order of the Aqueduct Commissioners,

JAMES C. DUANE, President.

EDWARD L. ALLEN, Secretary.

The following bids received for doing said work, upon which the required deposits had been made, were then opened and read aloud by the Secretary :

No. 1. Asbury C. Townsend	$4,357 00
No. 2. John Flanagan	3,800 00
No. 3. John Twiname	11,800 00

Whereupon, on motion of Commissioner Cannon, the following preamble and resolution was adopted :

Whereas, Bids for cutting timber and clearing grounds of Reservoir "D," in the Towns of Carmel and Kent, Putnam County, New York, having been received and publicly opened and read ; therefore,

Resolved, That the Acting Chief Engineer is hereby directed to have said bids calculated and tabulated and submit the same, together with his estimate of the work, at a meeting of the Construction or Executive Committee of the Aqueduct Commissioners, to be held this day, for consideration and canvassing by them, and the bids and checks of the bidders so received are hereby referred to the Committee of Finance and Audit for examination and report to the Commissioners as to their formality and the sufficiency of the sureties proposed by the bidders.

On motion of Commissioner Cannon, a recess of thirty minutes was then taken.

Upon resuming the meeting Commissioners Duane, Tucker, Cannon and Green were present.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That J. J. Murphy, employed as Laborer in the Engineer Corps, be and hereby is discharged for lack of work, to take effect as of February 15, 1895.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Acting Chief Engineer, the accompanying bills are hereby approved and ordered certified to the Comptroller for payment, viz. :

1st. Of Stephen Brown, for carting boiler, etc., from New Croton Dam to Jerome Park, amounting to thirty dollars ($30).

2d. Of George Palmer, for carting tools, etc., and carriage hire for journeymen machinists, amounting to twenty-two dollars and twenty-five cents ($22.25).

3d. Of E. Wegmann, Jr., for car-fares of Engineering party at Jerome Park Reservoir, amounting to forty-four dollars and ninety-nine cents ($44.99).

4th. Two bills of R. D. Philbin, for transportation and board, amounting to fifty-three dollars and eighty five-cents ($53.85).

5th. Of William James, for transportation and board, amounting to twenty-six dollars and twenty-four cents ($26.24)

6th. Of Bert Tompkins, for transportation and board, amounting to twenty-seven dollars and fifty-four cents ($27.54).

7th. Of Robert L. Fraser, for transportation and board, amounting to twenty-seven dollars and twenty-four cents ($27.24).

On motion of Commissioner Cannon, the same was adopted.

The Committee also presented the following communications :

NEW YORK, February 20, 1895.

To the Honorable the Committee on Construction :

GENTLEMEN—At your meeting of Wednesday, January 30, 1895, authority was granted the Chief Engineer to ask for bids for furnishing composition metal and steel bolts, fittings for the stop-planks of Sodom and Bog Brook Dams.

In pursuance of such authority, the Chief Engineer invited bids from eight firms, manufacturers of such articles as are required. Five of the firms invited have sent bids for the work. They are as follows (the amounts being based on estimated weights of material) :

The Brady Manufacturing Company, Brooklyn, N. Y	$2,532 00
Coldwell-Wilcox Company, Newburgh, N. Y	2,216 33
Skinner & Connolly, Yonkers, N. Y	2,304 10
John Fox, No. 160 Broadway, New York	1,893 77
The R. E. Parsons Company, by Wm. H. Brodie, No. 39 Cortland street, New York	1,805 13

The last mentioned is the lowest bid, and I recommend that you authorize me to order the metal fittings from The R. E. Parsons Company.

The Chief Engineer estimated the work at about $2,500.

I am, respectfully,

ALFRED CRAVEN, Acting Chief Engineer.

NEW YORK, February 14, 1895.

Mr. A. FTELEY, C. E., Room 213 Stewart Building, New York City:

DEAR SIR—In answer to your inquiry, with plans and specifications, under date of February 2, 1895, we would state that we take pleasure in making you the following quotations, and hope to be favored with your acceptance. We propose to furnish:

252 bolts, made of drawn brass, 1¼ inches diameter, 46½ inches long, cut U. S. S. 1¼-inch thread, 2 inches long on each end, as per plans, at 16.2-10 cents per pound.

36 bolts made of drawn brass, 1¼ inches, 45 inches long over all, cut U. S. S. 1¼-inch thread, 2 inches long on one end, with square head on the other, the same to be cut and pinned, at 17 cents per pound.

252 composition sleeve nuts.

18 composition hook-heads.

108 composition caps.

18 composition socket plates.

All to be made of composition, composed of 9 pounds copper, 1 pound tin and ¼ ounce lead, at 19½ cents per pound, and finished according to plans and specifications.

20 mild steel lifting nuts, finished all over with cold pressed Hex. nuts, at 16 cents per pound.

224 ½-inch copper rivets, at 17 cents per pound.

All the above material delivered on cars, Brewsters, New York.

From tests just made of our brass rods in stock, we find the tensile runs from 65,000 to 70,000 pounds per square inch section.

We could deliver all the above in about three weeks after receipt of order.

Yours, very respectfully,

THE R. E. PARSONS COMPANY,

WM. H. BRODIE.

And recommended the adoption of the following resolution:

Resolved, That the Acting Chief Engineer be and hereby is authorized to order from The R. E. Parsons Company the necessary composition metal and steel bolts, fittings for the stop-planks of Sodom and Bog Brook Dams, at their bid, as above set forth.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution:

Whereas, A communication has been received from Lee Phillips, Secretary of the Municipal Civil Service Boards, from which it appears that, under the rules of said Board, Axemen Joseph F. Banks, J. A. Rundlett and Robert H. Jacobs are not eligible for examination for promotion to the grade of "Rodman" in the Engineer Corps of this Commission; therefore,

Resolved, That the following resolution, adopted on February 6, 1895, be and hereby is rescinded :

" Resolved, That, upon the recommendation of the Acting Chief Engineer, Joseph F. Banks, J. A. Rundlett and Robert H. Jacobs, Axemen in the Engineer Corps, be and hereby are recommended to the Municipal Cival Service Boards for examination for promotion to the grade of ' Rodman '."

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the resolution adopted by this Commission on February 17, 1892, authorizing the Chief Engineer and Secretary to take the necessary steps to have one thousand (1,000) copies of the review and report of the Aqueduct Commissioners showing the progress of the work under said Commissioners from the first day of January, 1887, to the first day of January, 1892, to be printed in book form similar to the report issued by the Commissioners,showing the progress of the work during the year 1883 up to and including 1887, and appropriating five thousand dollars ($5,000), or so much thereof as may be necessary, to cover the cost thereof, be and hereby is amended to cover the period from January 1, 1887, to January 1, 1895.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That that part of the resolution adopted by this Commission on December 19, 1894, approving of and recommending to the Comptroller for payment the bill of J. E. Barlow for sundry articles of hardware for use of Diamond Drill party at Jerome Park Reservoir, be and hereby is amended to read eighteen dollars and ninety-eight cents ($18.98), instead of nineteen dollars and seven cents ($19.07).

On motion of Commissioner Cannon, the same was adopted.

The Committee of Finance and Audit submitted the following :

The Committee of Finance and Audit report :

That they have examined the bids and checks received this day for cutting timber and clearing grounds of Reservoir " D," near Carmel, in the towns of Carmel and Kent, Putnam County, N. Y.

The checks, amounting to three thousand dollars ($3,000), were correct and were transmitted to the Comptroller, and his receipt therefor is on file.

The sureties proposed by the bidders appear to be sufficient.

On motion of Commissioner Tucker, the same was ordered spread on the minutes and filed.

The Construction or Executive Committee presented the following communication received from the Acting Chief Engineer :

NEW YORK, February 20, 1895.

To the Honorable the Aqueduct Commissioners :

GENTLEMEN—I herewith return the bids referred to me, for cutting timber and clearing grounds at Reservoir " D."

I find the bids reasonable, also correct as to formality, and recommend that the contract be awarded to John Flanagan, who is the lowest bidder, provided the sureties appear to be sufficient.

The bids were as follows:

Asbury C. Townsend	$4,357 00
John Twiname	11,800 00
John Flanagan	3,800 00

I am, respectfully,

ALFRED CRAVEN, Acting Chief Engineer.

And recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Acting Chief Engineer, the contract for cutting timber and clearing grounds of Reservoir "D," in the Towns of Carmel and Kent, Putnam County, New York, be and hereby is awarded to John Flanagan, the lowest bidder, at his bid of three thousand eight hundred dollars ($3,800).

The same was adopted by the following vote:

Affirmative—Commissioners Duane, Tucker, Cannon and Green –4.

The Comptroller, under date of January 31, 1895, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners for

Reservoir "M"	$365 00
Reservoir "D"	10 31
Cornell Dam	3,543 65

And stating that on January 31, 1895, bonds were issued to the credit of the "Additional Water Fund,"

Amounting to	$200,000 00
Leaving a balance to the credit of said fund of	234,976 02

Which was ordered entered upon the books of the Commissioners and filed.

On motion of Commissioner Cannon, the following resolution was adopted:

Resolved, That while the Aqueduct Commission appreciates the recognition of the ability and worth of our associate, Honorable Francis M. Scott, in his selection and appointment to fill the office of Counsel to the Corporation, we receive with genuine regret the notice of his resignation from this Commission; and while we wish him every success in his new field of usefulness, we shall personally and officially miss his counsel and labor as a member of this Board; and we desire to make special note of his untiring and faithful services to the City of New York in the work of this Commission.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10108 to 10120, inclusive, amounting to $349.12.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, February 27, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Acting Chief Engineer, J. C. Fagan and J. T. De Lentilhon, Rodmen in the Engineer Corps, be and hereby are recommended to the Municipal Civil Service Boards for examination for promotion to the grade of " Leveler."

On motion of Commissioner Cannon, the same was adopted.

The Committee presented the following communication received from the Acting Chief Engineer :

NEW YORK, February 27, 1895.

To the Honorable the Committee on Construction :

GENTLEMEN—In pursuance of authority granted by you to the Chief Engineer at your stated meeting of January 30, 1895, bids were asked for from Coldwell-Wilcox Company of Newburgh, N. Y., and John Fox, of New York, for the construction of screen frames, hoisting apparatus, screens and their appurtenances, to be furnished and put in place at the New Croton Gate House.

Both of the above-named firms have responded to the request of the Chief Engineer, and their bids are as follows :

John Fox, No. 160 Broadway, New York	$3,885 00
Coldwell-Wilcox Company, Newburgh, New York	3,559 00

Messrs. Coldwell-Wilcox Company being the lowest bidders, I recommend that they be awarded the contract for the above-mentioned work.

The engineer estimated the cost of the work to be under $4,500.

I am, respectfully,

ALFRED CRAVEN, Acting Chief

And recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Acting Chief Engineer, the work of constructing screen frames, hoisting apparatus, screens and their appurtenances, to be furnished and put in place at the New Croton Gate House, be and hereby is awarded to Coldwell-Wilcox Company at their bid of three thousand five hundred and fifty-nine dollars ($3,559), it being the lowest received and less than the estimate of the Acting Chief Engineer.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Cannon and Green—4.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10121 to 10131, inclusive, amounting to $809.40.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, March 6, 1895, at 3 o'clock P. M.

Present – Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That the resignation of Isaac S. Rossell, employed as Skilled Laborer, be and hereby is accepted, to take effect as of March 4, 1895.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Acting Chief Engineer in temporarily employing Lawrence Bird as a Laborer, on March 4, 1895, at two dollars per day, be and hereby is approved.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That upon the recommendation of the Acting Chief Engineer, the accompanying bill of George W. Whitman, for inspecting cast-iron pipe and sleeves to be used in extension of overflow pipes of Shaft No. 26, amounting to thirteen dollars and sixty-five cents ($13.65), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Acting Chief Engineer, the accompanying bills are hereby approved and ordered certified to the Comptroller for payment, viz.: 1st. Of James McCartney, for eighty days' use of horse and wagon, tools, etc., and sundry expenses, incurred in work on Upper and Lower Districts, amounting to ninety-eight dollars and eight cents ($98.08). 2d. Of P. H. Havey, for hire of team and carriage, amounting to six dollars ($6).

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That the accompanying bill for taxes due the Town of Cortlandt, Westchester County, New York, for the year 1894, amounting to six hundred and ninety-seven dollars and five cents ($697.05), is hereby approved and ordered certified to the Comptroller for payment.

Resolved, That the accompanying bill for taxes due the Town of New Castle, Westchester County, New York, for the year 1894, amounting to sixteen dollars and sixty-nine cents ($16.69), is hereby approved and ordered certified to the Comptroller for payment.

Resolved, That the accompanying bill for taxes due the Town of North Salem, Westchester County, New York, for the year 1894, amounting to seven hundred dollars and sixty-seven cents ($700.67), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same were adopted.

The Committee also recommended the adoption of the following resolutions:

Resolved, That the work of printing and binding one thousand copies of the review and report of the Aqueduct Commissioners showing the progress of the work under said Commissioners from the first day of January, 1887, to January 1, 1895, be and hereby is awarded to Douglass Taylor & Co., at the prices named in their bid of February 26, 1895; and that the work of printing and entitling photo-gelatine process reproductions, to be used in said report, be and hereby is awarded to the New York Photogravure Company, at the price named in their letter of March 1, 1895.

Resolved, That the Secretary is hereby directed to prepare agreements to cover the above described work, and the President is hereby authorized to execute the same on behalf of the Aqueduct Commissioners.

On motion of Commissioner Cannon, the same were adopted.

The Committee presented the following:

LAW DEPARTMENT – OFFICE OF THE COUNSEL TO THE CORPORATION,
NEW YORK, March 1, 1895.

Hon. JAMES C. DUANE, *President, Aqueduct Commission:*

DEAR SIR—I have to-day received from Mr. H. T. Dykman a letter containing the following: "The Katonah triangle cases will be closed very soon, and we will be ready to pay the awards in the course of three months. I would suggest that the Aqueduct Commission notify the people residing within the limits of the triangle to move before the warm weather, say May 1. There are one or two claimants in the triangle who I am afraid I would never succeed in bringing to trial unless this notice is given them." I concur in Mr. Dykman's suggestion, and recommend you to give the notice suggested by him. Yours very truly, FRANCIS M. SCOTT, Counsel to the Corporation.

NEW YORK, March 6, 1895.

To the Honorable the Committee on Construction:

GENTLEMEN—The President of the Aqueduct Commissioners handed me for investigation and report a letter received from the Counsel to the Corporation, dated March 1, 1895, requesting me

to report on the subject-matter therein mentioned. I herewith return the communication mentioned, and beg leave to report as follows :

On September 20, 1893, the Katonah Citizens' Committee communicated with the Aqueduct Commissioners, wanting to know how long they would be permitted to occupy their buildings and property in Katonah Triangle. Correspondence continued on the subject until August 2, 1894, when the Chief Engineer sent to Judge Robertson a copy of a letter of June 18, 1894, the original of which had been sent to Mr. Dykman on that date for Judge Robertson. I inclose herewith a copy of this letter. It was really the first time the citizens through Judge Robertson had been actually notified of the decision of the Aqueduct Commissioners that the people would be permitted to retain possession of their buildings until May 1, 1895. On August 8, 1894, the Chief Engineer wrote again to the Citizens' Committee of Katonah through Judge Robertson, stating that the Aqueduct Commissioners refuse to recede from the position taken, as expressed in the letter of the Chief Engineer of June 18, 1894. In view of the above facts, I will recommend that the Acting Chief Engineer be authorized to notify each and every person now occupying buildings within the triangle in question to vacate the premises on or before the first day of May, 1895, in accordance with the recommendation of the Counsel to the Corporation in his letter to the President of the Aqueduct Commissioners, of March 1, 1895. I inclose herewith copies of the letters above mentioned, of September 20, 1893, and June 18, 1894, which seem to cover this case.

I am, respectfully, ALFRED CRAVEN, Acting Chief Engineer.

NEW YORK, June 18, 1894.

Hon. WILLIAM H. ROBERTSON, *Katonah Citizens' Committee :*

DEAR SIR—The Aqueduct Commissioners desire me to say in answer to the communication of the Committee of Citizens of Katonah, dated September 20, 1893, that their intention is to enter into possession of all the property that they have taken under the Aqueduct Law, as soon as practicable. They do not wish to cause unnecessary hardship to the citizens, and they are willing to wait a reasonable time to give them an opportunity to transfer elsewhere their residences or business places, provided that the former owners sign a consent to waive interest on the awards during the occupancy of the property by themselves, and provided they pay the taxes until such time that they will be asked to vacate the buildings. On these conditions the Aqueduct Commissioners would allow the citizens to occupy their former property until the first of May, 1895 ; reserving, however, all their rights to demand that no nuisance be committed and that the river is kept free from pollution ; and reserving also the right to take immediate possession of such property from which pollution might arise, if they found it necessary to do so. I have heard of the intention of some of the citizens to remove in a body to a certain location south of the present depot, and I can only say that this new place would be subject the same as any other to the rules and regulations established for preserving the purity of the river.

Yours truly, A. FTELEY, Chief Engineer.

To the Board of Aqueduct Commissioners :

GENTLEMEN—We desire to know how long the occupants of property in that part of Katonah known as the Triangle will be permitted to occupy the same, after the oath of the Commissioners has been filed, and whether an extension of time for such occupancy will be granted to the business men therein whose property in no wise affects the purity of the water in the stream flowing through that village ; and whether the occupants of property in said village, outside of said Triangle, which does not affect the purity of said water, and which will not be required for the New

Croton Reservoir for a long time, will be permitted to enjoy said property till the same is actually required for that purpose, and, if not, for what length of time.

W. H. ROBERTSON, JOSEPH BENEDICT, Katonah Citizens' Committee.

Dated September 20, 1893.

And recommended the adoption of the following resolution :

Resolved, That the Acting Chief Engineer be and hereby is authorized and directed to notify each and every person now occupying buildings in what is known as "The Katonah Triangle" to vacate the premises on or before May 1, 1895, in accordance with the recommendation of the Counsel to the Corporation in his letter to the President of the Aqueduct Commissioners, dated March 1, 1895.

On motion of Commissioner Green, the same was adopted.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10138 to 10148, inclusive, amounting to $1,613.69, and of estimates contained in Vouchers Nos. 10149 to 10151, inclusive, amounting to $19,740.77.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, March 13, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Acting Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment, viz. :

1st. Three bills of Heitman & Boese, for transportation of Engineering Party from Bedford Park to Jerome Park, amounting in all to fifty-two dollars and fifty cents ($52.50).

2d. Of E. Wegmann, Jr., for car-fares of Engineering Party at Jerome Park Reservoir, amounting to forty-four dollars and ninety-nine cents ($44.99).

3d. Of Samuel Hopkins, for transportation and board, amounting to twenty-eight dollars and twenty-five cents ($28.25).

4th. Of Robert L. Fraser, for transportation and board, amounting to twenty-four dollars and fifty-four cents ($24.54).

5th. Of William James, for transportation and board, amounting to twenty-four dollars and fifty-four cents ($24.54).

6th. Of Bert Tompkins, for transportation and board, amounting to twenty-four dollars and fifty four cents ($24.54).

On motion of Commissioner Tucker, the same was adopted.

The Committee presented the following communication received from the Acting Chief Engineer :

NEW YORK, March 13, 1895.

To the Honorable the Committee on Construction :

GENTLEMEN -It is necessary that a set of stop-planks be prepared at once for the weirs in gate-house at Titicus Dam, to provide for rising water in the reservoir, which is now filling up. I have prepared the necessary drawings, and as the timber work properly prepared and delivered on

cars for shipment will not cost to exceed $100, I will respectfully ask that the Acting Chief Engineer be authorized to purchase the same. I have asked for bids from several carpenters to furnish this timber.

I am, respectfully,

ALFRED CRAVEN, Acting Chief Engineer.

And recommended the adoption of the following resolution:

Resolved, That authority be and hereby is granted to the Acting Chief Engineer to procure the necessary stop-planks for the weirs in the gate-house at Titicus Dam, as above set forth.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following preambles and resolution:

Whereas, The Counsel to the Corporation has transmitted to the Aqueduct Commissioners, with his approval, a transcript of judgment in an action entitled Thomas L. Butler vs. The Mayor, Aldermen and Commonalty of the City of New York for the sum of $421.76; and

Whereas, An error has been found in the amount of said judgment, the correct amount being four hundred and eighteen dollars and twenty-one cents ($418.21), and the plaintiff's attorney having agreed to accept said amount in full satisfaction of said judgment; therefore

Resolved, That a voucher be and hereby is ordered drawn in favor of Thomas L. Butler for the sum of four hundred and eighteen dollars and twenty-one cents ($418.21), in satisfaction of judgment rendered for salary due said Thomas L. Butler while employed as an Inspector of Masonry on the New Aqueduct, and certified to the Comptroller for payment.

The same was adopted by the following vote: Affirmative—Commissioners Duane, Tucker, Cannon and Green—4.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10154 to 10163, inclusive, amounting to $446.86, and of judgment contained in Voucher No. 10164, amounting to $418.21; also of estimate contained in Voucher No. 10165, amounting to $2,458.22.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, March 20, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Acting Chief Engineer, William Gray, employed as "Transitman" in the Engineer Corps, be and hereby is recommended to the Municipal Civil Service Boards for examination for promotion to the grade of "Assistant Engineer."

On motion of Commissioner Tucker, the same was adopted.

The Committee presented the following communication received from the Acting Chief Engineer :

NEW YORK, March 20, 1895.

To the Honorable the Committee on Construction :

GENTLEMEN—At your stated meeting of March 13 the Acting Chief Engineer was authorized to purchase the necessary stop-planks for the weirs in gate-house at Titicus Dam, in accordance with his request and recommendation of the same date.

I have received three bids for furnishing the stop-planks, as follows :

C. W. Palmer, Yonkers, N. Y.	$107 50
Bradley & Currier Company, New York	106 00
Jerome D. Barnes, Yonkers, N. Y	92 00

I have therefore ordered the work to be done and materials to be furnished by Jerome D. Barnes at his bid of $92.

I am, respectfully, ALFRED CRAVEN, Acting Chief Engineer.

And recommended the adoption of the following resolution :

Resolved, That the action of the Acting Chief Engineer in ordering the necessary stop-planks for the weirs in the gate-house at Titicus Dam from Jerome D. Barnes, the lowest bidder, at his bid of ninety-two dollars ($92), as above set forth, be and hereby is approved.

The same was adopted by the following vote : Affirmative—Commissioners Duane, Tucker, Cannon, and Green—4.

The Committee also recommended the adoption of the following resolution:

Resolved, That the accompanying bill for taxes due the City of Yonkers, Westchester County, New York, for the year 1894, amounting to five hundred and seventy-four dollars and eighty-four cents ($574.84) is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That the accompanying bill for taxes due the Town of Greenburgh, Westchester County, New York, for the year 1894, amounting to one hundred and twenty-six dollars and seventy-two cents ($126.72), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Comptroller, under date of February 28, 1895, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners for Cornell Dam, $1,732.35, leaving a balance to the credit of said fund of $125,949.92.

Which was ordered entered upon the books of the Commissioners and filed.

The Committee of Finance and Audit reported their examination and audit of bills contained in vouchers Nos. 10166 to 10179, inclusive, amounting to $1,937.26.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the minutes of meetings of December 19, 26, 1894, January 2, 23, 30, February 6, 20 and 27, 1895, were ordered approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, March 27, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Acting Chief Engineer, the following-named Laborers, employed at Jerome Park, be and hereby are discharged, for lack of work, to take effect April 1, 1895:

Baldwin Jones. George Clair. William Miller.
John Ragan.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That the resignation of Eberhard J. Wulff, employed as Axeman in the Engineer Corps, be and hereby is accepted, to take effect April 1, 1895.

On motion of Commissioner Green, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Acting Chief Engineer, Joseph McCusker be and hereby is appointed Axeman in the Engineer Corps, at a salary of sixty dollars ($60) per month, the same to take effect April 1, 1895.

On motion of Commissioner Green, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That the action of the Acting Chief Engineer in reassigning to duty A. Jadin, Rodman, under Division Engineer Wegman, on March 23, 1895, be and hereby is approved.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Acting Chief Engineer, A. Jadin, Rodman in the Engineer Corps, be and hereby is recommended to the Municipal Civil Service Boards for examination for promotion to the grade of "Leveler."

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Acting Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment, viz. :

1st. Of J. S. Coleman, for iron fence posts, used at the New Croton Dam, amounting to five dollars and seventy-five cents ($5.75).

2d. Of Coldwell-Wilcox Company, for machine bolts and nuts used in New Croton Dam Gatehouse, amounting to one dollar and eighty-nine cents ($1.89).

3d. Of R. D. Philbin, for transportation and board, amounting to twenty-six dollars and thirty-five cents ($26.35).

4th. Of Samuel Hopkins, for transportation and board, amounting to twenty-six dollars and twenty-nine cents ($26.29).

On motion of Commissioner Tucker, the same was adopted.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10186 to 10190, inclusive, amounting to $658.80.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, April 3, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That the action of the Acting Chief Engineer in transferring Noah Cummings. Axeman, from the Purdy's Dam to the Chief Engineer's office, on April 1, 1895, for temporary duty in connection with copying certain land maps for the New Croton Dam Survey, be and hereby is approved.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Acting Chief Engineer in transferring Robert J. Gudeon, Superintendent of Dam Construction, from Purdy's Dam to supervise certain work now being done by the Park Department at Shaft No. 25 of the New Aqueduct, on March 29, 1895, be and hereby is approved.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, The Aqueduct Commissioners have been informed by H. T. Dykman, Esq., special counsel for the City of New York, that the title to certain buildings within the town limits of Croton Falls, Westchester County, New York, is now vested in the City of New York ; therefore

Resolved, That the Acting Chief Engineer be and hereby is directed to notify all persons occupying such buildings within the town limits of Croton Falls, Westchester County, New York, to vacate the same on or before June 1, 1895.

On motion of Commissioner Cannon, the same was adopted.

The Committee presented assignment from the Jonson Engineering and Foundry Company to the Mount Morris Bank, of the City of New York, of a bill for furnishing cast-iron pieces to be used in connection with the construction of the gate-house at the New Croton Dam, amounting to $1,911.29, to secure a loan made to said company by said bank ; and recommended the adoption of the following resolution :

Resolved, That the Aqueduct Commissioners hereby assent and consent to the assigning of the moneys due or that may become due to said Jonson Engineering and Foundry Company, under and in pursuance of a resolution adopted on November 14, 1894, for furnishing cast-iron pieces to be used in connection with the construction of the gate-house at the New Croton Dam, to the Mount Morris Bank of the City of New York, to secure a loan heretofore made to said company by said bank.

On motion of Commissioner Tucker, the same was adopted.

The Comptroller, under date of March 30, 1895, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners for Reservoir "M," $4,625.04 ; Cornell Dam, $4,171.25, leaving a balance to the credit of the "Additional Water Fund" of $70,767.49.

Which was ordered entered upon the books of the Commissioners and filed.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10191 to 10203, inclusive, amounting to $2,114.32, and of estimate contained in Voucher No. 10204, amounting to $1,710.90.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned. EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, April 10, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Acting Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment, viz. :

1st. Of J. E. Crow, for the use of sleigh for Division Engineer Gowen, amounting to ten dollars ($10).

2d. Of N. L. Coe, for photographs for Commissioners' report, amounting to nine dollars and ninety cents ($9.90).

3d. Of Heitman & Boese, for transportation of Engineering party at Jerome Park Reservoir, and moving drill boiler, etc., amounting to twenty-two dollars and fifty cents ($22.50).

4th. Of Mrs. C. S. Gowen, for rent of stable at Sing Sing from October 1, 1894, to April 1, 1895, amounting to thirty dollars ($30).

5th. Of Coleman, Ryan & Brown, for hauling castings to be used for the gateways and other openings in connection with the construction of the gate-house at the New Croton Dam, amounting to one hundred and thirty-eight dollars and forty cents ($138.40).

6th. Of E. Wegmann, Jr., for car-fare of Engineering party at Jerome Park Reservoir, amounting to forty dollars and eighty-nine cents ($40.89).

7th. Of Robert L. Fraser, for transportation and board, amounting to twenty-six dollars and twenty-four cents ($26.24).

8th. Of William James, for transportation and board, amounting to twenty-six dollars and twenty-four cents ($26.24).

9th. Of R. D. Philbin, for transportation and board, amounting to twenty-six dollars and twenty-four cents ($26.24).

10th. Of Bert Tompkins, for transportation and board, amounting to twenty-six dollars and twenty four cents ($26.24).

11th. Of Coleman & Washburn & Washburn, for four bags of cement, amounting to two dollars and ninety cents ($2.90).

On motion of Commissioner Cannon, the same was adopted.

The Committee presented the following communication received from the Acting Chief Engineer:

NEW YORK, April 10, 1895.

To the Honorable the Committee on Construction:

GENTLEMEN At your meeting of April 3 you authorized the Acting Chief Engineer to ask for bids for furnishing special cast-iron pipes for the overfall at Shaft No. 25.

I beg to report that invitations for bids were asked from five foundries doing the class of work required, and answers have been received as follows (the estimated weight of the pipes required is 98,129 pounds or 49.0645 tons):

NAME OF BIDDER.	PER POUND.	PER TON.	TOTAL.
R. D. Wood & Company	2.495 cents.	$49.90	$2,448 32
Wm. H. Brodie & Co.	2.5 "	50.00	2,453 23
McNeal Pipe and Foundry Company	2.625 "	52.50	2,575 89
John Fox	2.67 "	53.40	2,620 04
Coldwell-Wilcox Company	3.2 "	64.00	3,140 13

My estimate for the cost of these pipes was $60 per ton.

Messrs. R. D. Wood & Company being the lowest bidders, I recommend that they be awarded the contract for the work at their bid of $49.90 per ton. I am, respectfully,

ALFRED CRAVEN, Acting Chief Engineer.

And recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Acting Chief Engineer, the work of furnishing special cast-iron pipes for the overfall at Shaft No. 25, be and hereby is awarded to R. D. Wood & Company, at their bid of forty-nine dollars and ninety cents ($49.90) per ton, it being the lowest received and less than the estimate of the Acting Chief Engineer.

The same was adopted by the following vote: Affirmative—Commissioners Duane, Tucker, Cannon and Green—4.

The Committee also presented forms of contract, specifications and bond, received from the Commissioner of Public Works on April 6, 1895, to provide for constructing a highway or road and its appurtenances, etc., crossing the east branch of Reservoir "D," in the Town of Kent, Putnam County, New York, and recommended the adoption of the following resolutions:

Resolved, That the forms of contract, specifications and bond, submitted by the Commissioner of Public Works on April 6, 1895, and approved by the Counsel to the Corporation "as to form," for constructing a highway or road and its appurtenances, etc., crossing the east branch of Reservoir "D," in the Town of Kent, Putnam County, New York, be and the same are hereby approved and adopted; and the Secretary is hereby directed to have triplicate copies thereof prepared for certification by the Aqueduct Commissioners, and filed in accordance with section 25, chapter 490, Laws of 1883.

Resolved, That the President and Secretary be and they are hereby directed to advertise in the CITY RECORD, The "World" and "Commercial Advertiser" a notice and advertisement inviting sealed bids for constructing a highway or road and its appurtenances, etc., crossing the east branch of Reservoir "D," in the Town of Kent, Putnam County, New York, as provided in the contract and specifications this day approved and adopted by the Aqueduct Commissioners.

On motion of Commissioner Tucker, the same were adopted.

The Committee also recommended the adoption of the following preamble and resolution:

Whereas, The form of contract and specifications for the proposed reservoir at Jerome Park have been completed, and the Aqueduct Commissioners are now prepared to advertise for bids thereon, but the condemnation proceedings relating to the land to be taken for such purpose are delayed owing to the absence in Europe of two of the Commissioners of Appraisal heretofore appointed therein;

Resolved, That the Counsel to the Corporation be and he is hereby requested to take such steps as in his judgment may be needed to expedite such proceedings, in order that the work of the Commission may proceed without delay.

On motion of Commissioner Green, the same was adopted.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10208 to 10216, inclusive, amounting to $201.48, and of estimates contained in Vouchers Nos. 10217 and 10218, amounting to $20,022.95.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the minutes of meetings of March 6, 13, 20 and 27, 1895, were ordered approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

NOTE.—On Wednesday, April 17, 1895, no quorum being present, the meeting stood adjourned. EDWARD L. ALLEN, Secretary.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, April 24, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in employing Daniel Carpenter as a Laborer, under Division Engineer Gowen, on April 16, 1895, at two dollars ($2) per day, be and hereby is approved.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolutions :

Resolved, That the action of the Chief Engineer in discharging George A. Hammond, Foreman of Diamond Drill party, to take effect as of April 18, 1895, be and hereby is approved.

Resolved, That the action of the Chief Engineer in discharging Michael Tierney, Laborer, with the Diamond Drill party, to take effect as of April 17, 1895, be and hereby is approved.

On motion of Commissioner Tucker, the same were adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the salary of Mattie Meadows, employed as Typewriter at the office of the New Croton Dam Division, is hereby increased from two dollars and fifty cents to three dollars per day, to take effect on April 25, 1895.

On motion of Commissioner Green, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the bid-box be closed and the keys given to the President, and that the Secretary be authorized by this Commission to receive the bids for constructing a highway or road and its appurtenances, etc., crossing the east branch of Reservoir "D," in the Town of Kent, Putnam County, New York, as called for in the approved forms of contract and specifications on file in the office of the Aqueduct Commissioners, and also to receive the checks of the bidders, and to make the necessary preparations for opening the bids received for doing said work under the law.

On motion of Commissioner Cannon, the same was adopted.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10,219 to 10,235, inclusive, amounting to $541.04, and Vouchers Nos. 10,243 to 10,256, inclusive, amounting to $1,800.29, and of estimate contained in Voucher No. 10,236, amounting to $1,013.33.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the minutes of the meetings of April 3 and 10, 1895, were ordered approved.

The Commissioners then adjourned. EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, May 1, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

Pursuant to the following notice, published daily for fifteen consecutive days, beginning with April 13, 1895, in the CITY RECORD, "The World" and "Commercial Advertiser," bids were received for constructing a highway or road and its appurtenances, etc., crossing the East Branch of Reservoir "D," in the Town of Kent, Putnam County, New York:

AQUEDUCT COMMISSIONERS' OFFICE, ROOM 209 STEWART BUILDING, No. 280 BROADWAY,
NEW YORK, April 13, 1895.

To Contractors.

Bids or proposals for doing the work and furnishing the materials called for in the approved forms of contract now on file in the office of the Aqueduct Commissioners, for constructing a highway or road and its appurtenances, etc., crossing the East Branch of Reservoir "D," in the Town of Kent, Putnam County, New York, will be received at this office until Wednesday, May 1, 1895, at 3 o'clock P. M., and they will be publicly opened by the Aqueduct Commissioners as soon thereafter as possible, and the award of the contract for doing said work and furnishing said materials will be made by said Commissioners as soon thereafter as practicable.

Blank forms of said approved contract and the specifications thereof, and bids or proposals and proper envelopes for their inclosure, form of bonds, and all other information can be obtained at the above office of the Aqueduct Commissioners on application to the Secretary.

By order of the Aqueduct Commissioners.

EDWARD L. ALLEN, Secretary. JAMES C. DUANE, President.

The following bids received for doing said work, upon which the required deposits had been made, were then opened and read aloud by the Secretary:

Bid No. 1, William F. McCabe	$18,597 00
Bid No. 2, William E. Nolan	12,184 75
Bid No. 3, Martin Murray	21,691 2[illegible]
Bid No. 4, McNeice, Cuozzo & Company	14,764 [illegible]
Bid No. 5, Bellow & Merritt	13,477 [illegible]

Bid No. 6, Troy Public Works Company	$17,588 00
Bid No. 7, John Flanagan	15,520 00
Bid No. 8, Clapp & Shipman	23,039 00
Bid No. 9, Dougherty & Berrigan	17,997 00
Bid No. 10, Thomas McCormick	15,664 55
Bid No. 11, John Twiname	15,959 50

Whereupon, on motion of Commissioner Cannon, the following preamble and resolution was adopted:

Whereas, Bids for constructing a highway or road and its appurtenances, etc., crossing the East Branch of Reservoir "D," in the Town of Kent, Putnam County, New York, having been publicly opened and read; therefore

Resolved, That the Chief Engineer is hereby directed to have said bids calculated and tabulated and submit the same, together with his estimate of the work, at a meeting of the Construction or Executive Committee of the Aqueduct Commissioners, to be held on Wednesday, May 8, 1895, for consideration and canvassing by them; and the bids and checks of the bidders so received are hereby referred to the Committee of Finance and Audit for examination and report to the Commissioners as to their formality and the sufficiency of the sureties proposed by the bidders.

On motion of Commissioner Cannon, a recess of thirty minutes was then taken.

Upon resuming the meeting Commissioners Duane, Tucker, Cannon and Green were present.

The Construction or Executive Committee recommended the adoption of the following resolution:

Resolved, That the action of the Chief Engineer in discharging Daniel Carpenter, temporarily employed as a Laborer under Division Engineer Gowen, as of April 24, 1895, be and hereby is approved.

On motion of Commissioner Tucker, the same was adopted.

The Committee presented the resignation of Noah Cummings, Axeman, and recommended that the same be accepted, to take effect as of April 27, 1895.

On motion of Commissioner Green, the recommendation was approved.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10261 to 10269, inclusive, amounting to $2,687.02.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the minutes of stated meeting of April 24, 1895, were ordered approved.

The Commissioners then adjourned. EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, May 8, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee recommend the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment, viz.:

1st. Of W. F. Mellows, for professional services as veterinary surgeon, and medicine, amounting to thirteen dollars ($13).

2d. Two bills of J. S. Coleman, for labor and materials used on Record Vault, and oakum used under four-inch sheeting at New Croton Dam, amounting to nineteen dollars and seventy-seven cents ($19.77).

3d. Of S. Whinery, for services in preparing specifications for asphalt pavement for floor of Jerome Park Reservoir, amounting to one hundred dollars ($100).

4th. Of William James, for transportation and board, amounting to twenty-six dollars and twenty-four cents ($26.24).

5th. Of Samuel Hopkins, for transportation and board, amounting to twenty-seven dollars and sixty-four cents ($27.64).

6th. Of Bert Tompkins, for transportation and board, amounting to twenty-six dollars and twenty-four cents ($26.24).

On motion of Commissioner Tucker, the same was adopted.

The Committee presented the following communication, received from the Chief Engineer:

NEW YORK, May 4, 1895.

To the Honorable the Committee on Construction:

GENTLEMEN—There is a small cemetery on the west side of Reservoir "D" through which the flow-line passes, and it will be necessary to remove the bodies to another place. We have therefore laid off a sufficient parcel of land near the site of the present cemetery, just within our

line of taking, to be set aside for this purpose. As near as can be learned, there will probably be twenty (20) bodies to be removed.

As the new location selected may appear rather near the reservoir, I will say that there has been but one interment there for many years; it was made with the knowledge that the body would be removed, together with a number of other remains, to a church cemetery further away from our reservoir.

Such being the case, I hardly think it necesssary to go beyond our present taking lines.

Mr. George E. Sunderlin, the only undertaker in the neighborhood, has been asked to give a price per body for removing each to the new ground, and I inclose herewith a copy of his offer.

Mr. Sunderlin I consider a very reliable person, and I think it would be well to give the work to him without looking further; in fact there is no one else in the neighborhood to whom we could look. The remains of the dead, in consideration of the feelings of their relatives, should be removed by some person used to such work, and he can do it in a proper and respectful manner.

I hope that $500 will cover the cost, but as there is necessarily much uncertainty as to certain items, such as the distances to which the bodies will have to be removed, the possible purchase of new cemetery lots, etc., I would respectfully request (if you approve of my suggestion) that you appropriate $1,000, or so much thereof as may be necessary for the proper removal of the bodies by Mr. Sunderlin.

I append a copy of Mr. Sunderlin's proposal. I am, respectfully,

A. FTELEY, Chief Engineer.

And recommended the adoption of the following resolution:

Resolved, That the Chief Engineer be and hereby is directed to cause the removal of bodies from a cemetery on the west side of Reservoir "D," and their interment in the new location as set forth in the foregoing communication, and an appropriation of one thousand dollars ($1,000), or so much thereof as may be necessary, is hereby made to cover the cost of such work.

The same was adopted by the following vote: Affirmative—Commissioners Duane, Tucker, Cannon and Green.—4.

The Committee also recommended the adoption of the following resolution:

Resolved, That the accompanying bill for taxes due the Town of Lewisboro, Westchester County, New York, for the year 1894, amounting to twenty-three dollars and fifty-nine cents ($23.59), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, the contract for constructing a highway or road and its appurtenances, etc., crossing the east branch of Reservoir "D," in the Town of Kent, Putnam County, New York, be and hereby is awarded to William E. Nolan, the lowest bidder, at his bid of twelve thousand one hundred and eighty-four dollars and seventy-five cents ($12,184.75), it being the lowest received and less than the estimate of the Chief Engineer.

The same was adopted by the following vote: Affirmative—Commissioners Duane, Tucker, Cannon and Green.—4.

The Comptroller, under date of April 30, 1895, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners for:

Cornell Dam	$4,276 65
Reservoir "D"	2,000 00
Reservoir "M"	3,592 20
Jerome Park Reservoir	3,629 20
Sodom Dam and Reservoir	8 25
Croton Falls Commission	300 00
New Aqueduct Reservoir	3 75
Croton Falls	1,470 00
Leaving a balance to the credit of said "Additional Water Fund" of	20,173 67

Which was ordered entered upon the books of the Commissioners and filed.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10270 to 10276, inclusive, amounting to $191.59, and of estimates contained in Vouchers Nos. 10277 to 10283, inclusive, amounting to $16,793.98.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned. EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, May 15, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment, viz. :

1st. Of The Kipp Steam Engine Works, for repairs to diamond drills, amounting to eight dollars and eight cents ($8.08).

2d. Of James O. Loughlin, Jr., for cleaning privy near A. B. Whitlocks's place, amounting to five dollars ($5).

3d. Of R. D. Philbin, for transportation and board, amounting to twenty-six dollars and twenty-four cents ($26.24).

4th. Of Samuel Hopkins, for transportation and board, amounting to twenty-eight dollars and eighty-five cents ($28.85).

5th. Of Robert L. Frazer, for transportation and board, amounting to twenty-six dollars and eighty-four cents ($26.84).

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due School District No. 10, Towns of Bedford and Lewisboro, Westchester County, New York, for the year 1894, amounting to two hundred and seventy-seven dollars and fifty-four cents ($277.54), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, May 29, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee recommended the adoption of the following resolution:

Resolved, That the accompanying bill for taxes due School District No. 19, Town of Cortlandt, Westchester County, New York, for the year 1894, amounting to one hundred and ten dollars and fifty-seven cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That the Aqueduct Commissioners (subject to the approval of the Board of Estimate and Apportionment), hereby approve the accompanying bill of George E. Sunderlin for temporary right of way through his property for road during period of high water in Reservoir "D," amounting to twenty-five dollars, and direct that the same be certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bill of Peter J. Larkin, for services as Diver in removing obstructions from the screens of the main dam at Carmel, New York, amounting to sixty-five dollars, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bill of Philip Dexter, for services rendered in connection with the report of the Chief Engineer, dated

September 20, 1893, to the Commissioner of Public Works on the subject of abatement of nuisances in the Croton water-shed, amounting to twenty-two dollars and twenty cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10322 to 10326, inclusive, amounting to $2,063.41.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the minutes of meetings of May 1, 8, 15 and 22, 1895, were ordered approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, June 5, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment, viz.:

1. Of W. F. Mellows, for services as veterinary surgeon and furnishing medicine, amounting to seven dollars and fifty cents ($7.50).

2. Of James McCartney, for use of horse and tools, and blacksmith and freight bills, amounting to fifty-eight dollars and seventeen cents ($58.17).

3. Of Stevens Institute of Technology, for testing brass rods and composition work, fittings for the stop-planks of Sodom and Bog Brook Dams, amounting to thirty-eight dollars and twenty-nine cents ($38.29).

On motion of Commissioner Tucker, the same was adopted.

The Committee presented the following communication, received from the Chief Engineer:

NEW YORK, June 5, 1895.

To the Honorable the Committee on Construction:

GENTLEMEN—I would recommend the erection of a small shanty on the north side hill at Croton Dam for the shelter of Inspectors employed in superintending the construction of masonry and the excavation for the spillway.

Charles Halstead, of Sing Sing, who already built one for us, offers to do this one for the same price, viz., $72, and to complete it in ten days after the order is given.

The shanty is to be properly roofed in and lined with sheathing paper. The price is reasonable, and I respectfully ask authority to have the building erected.

I am, respectfully, A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution:

Resolved, That the Chief Engineer be and hereby is authorized to contract with Charles Halstead, of Sing Sing, New York, for erecting a small shanty on the north side hill at Croton Dam,

at his offer of seventy-two dollars ($72); and an appropriation of said amount is hereby made to cover the cost thereof.

The same was adopted by the following vote:

Affirmative—Commissioners Duane, Tucker, Cannon and Green—4.

The Committee also recommended the adoption of the following preambles and resolution:

Whereas, The Commissioner of Public Works has requested that the plans and specifications for the proposed reservoir at Jerome Park shall be altered so as to provide for a storage capacity of about two thousand million (2,000,000,000) gallons of water; and

Whereas, In the opinion of the Chief Engineer, it is advisable for the best interests of the city that the Commissioners should adopt forthwith a plan and such form of contract as will set forth as closely as possible the approximate quantities of rock and earth excavations to be made;

Resolved, That the Chief Engineer be and he is hereby directed so to amend the plans and specifications aforesaid as to provide as nearly as possible for a reservoir with a storage capacity of about two thousand million (2,000,000,000) gallons of water upon the land heretofore taken by the City or covered by the condemnation proceedings now in process.

The same was adopted by the following vote:

Affirmative--Commissioners Duane, Tucker, Cannon and Green—4.

A communication was received from the Secretary reporting that the sum of $308.86 had been collected from persons occupying property belonging to the City of New York in the Village of Katonah, Westchester County, New York, to reimburse the Aqueduct Commissioners for taxes paid on such property, and that said amount had been transmitted to the City Chamberlain for the credit of the "Additional Water Fund," and his receipt therefor is on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10327 to 10335, inclusive, amounting to $292.55, and of estimates contained in Vouchers Nos. 10336 and 10337, amounting to $8,860.28.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, June 12, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bills are hereby approved and ordered certified to the Comptroller for payment, viz.:

1st. Of Heitman & Boese, for conveying engineering party between Jerome Park and Bedford Park, and moving drill machinery, amounting to twelve dollars and fifty cents ($12.50).

2d. Of Robert L. Fraser, for transportation and board, amounting to twenty-seven dollars and ninety-nine cents ($27.99).

3d. Of Bert Tompkins, for transportation and board, amounting to twenty-eight dollars and forty-four cents ($28.44).

4th. Of William James, for transportation and board, amounting to twenty-seven dollars and eighty-four cents ($27.84).

On motion of Commissioner Tucker, the same was adopted.

The Committee presented the following:

LAW DEPARTMENT—OFFICE OF THE COUNSEL TO THE CORPORATION,
NEW YORK, June 5, 1895.

JAMES C. DUANE, *President, Aqueduct Commission:*

SIR—I beg to inform you that the Commission of Appraisal in the matter of the Jerome Park Reservoir duly organized on the 4th day of June, and that the oaths of the Commissioners have been filed. You are therefore in a position to proceed with the advertisement of your contract for construction as soon as you desire.

Yours, very truly, FRANCIS M. SCOTT, Counsel to the Corporation.

NEW YORK, June 12, 1895.

To the Honorable the Committee on Construction:

GENTLEMEN—This is to confirm my verbal report made at your last meeting of the result of my interviews with Mr. George W. Birdsall, Chief Engineer of the Department of Public Works, on the question of increasing the capacity of the Jerome Park Reservoir.

Mr. Birdsall stated to me that, before submitting the specifications for the work, his Department would request the Aqueduct Commissioners to so alter the plans as to increase the capacity of the proposed reservoir to about two thousand million gallons. The same statement, I understand, was also made to Commissioner Green by the Commissioner of Public Works.

The request for an increase of capacity was based on the grounds that the reservoir thus enlarged would be needed for the proper working of the water-supply of the City. I concur in that opinion.

I subsequently submitted to you a number of sketches illustrating the various ways in which the proposed increase of capacity of the reservoir could be carried out, with approximate estimates of cost, the main alternative being between a large increase of excavation in and around the reservoir and an extension of the reservoir area south of the present site.

The plans and specifications which I now submit to you have been so modified, in accordance with your instructions, as to provide for the excavation of the islands and promontories which it was at first intended to leave as they now stand.

I am, respectfully, A. FTELEY, Chief Engineer.

DEPARTMENT OF PUBLIC WORKS, COMMISSIONER'S OFFICE, No. 31 CHAMBERS STREET, NEW YORK, June 7, 1895.

Gen. JAMES C. DUANE, *President, Aqueduct Commission:*

DEAR SIR—In accordance with the provisions of chapter 490 of the Laws of 1883, I transmit herewith plans and specifications for building the Jerome Park Reservoir, near Kingsbridge, in the Twenty-fourth Ward of the City.

Very respectfully, WM. BROOKFIELD, Commissioner of Public Works.

LAW DEPARTMENT—OFFICE OF THE COUNSEL TO THE CORPORATION, NEW YORK, June 12, 1895.

EDWARD L. ALLEN, *Esq., Secretary, Aqueduct Commission:*

DEAR SIR—I return herewith, approved as to form, triplicate forms of contract, specifications and bonds for building the Jerome Park Reservoir, near Kingsbridge, in the Twenty-fourth Ward.

I return also printer's proof of said form of contract.

Respectfully, yours, A. T. CAMPBELL, Chief Clerk.

On motion of Commissioner Cannon, the communications were ordered spread in full upon the minutes and filed.

The Committee submitted forms of contract, specifications and bond received from the Commissioner of Public Works on the 7th day of June, 1895, to provide for building the Jerome Park Reservoir, near Kingsbridge, in the Twenty-fourth Ward of the City of New York, and recommended the adoption of the following resolutions:

Resolved, That the form of contract, specifications and bond submitted by the Commissioner of Public Works on the 7th day of June, 1895, and approved by the Counsel to the Corporation "as to form," for building the Jerome Park Reservoir, near Kingsbridge, in the Twenty-fourth Ward of the City of New York, be and the same are hereby approved and adopted; and the Secretary is hereby directed to have triplicate copies thereof prepared for certification by the Aqueduct Commissioners and filed in accordance with section 25, chapter 490, Laws of 1883.

Resolved, That the President and Secretary be and they are hereby authorized and directed to publish in the following papers, published in the City of New York, and "The Journal of the Association of Engineering Societies," published in the City of Philadelphia, Pa., the notice and advertisement for sealed bids or proposals for doing the work and furnishing the materials for building the Jerome Park Reservoir, near Kingsbridge, in the Twenty-fourth Ward of the City of New York, as called for in the form of contract approved by the Aqueduct Commissioners on June 12, 1895: CITY RECORD, "The World," "The Sun," "The Herald," "The Times," "The Press," "The Tribune," "The Recorder," "The Morning Journal," "The Evening Post," "The Mail and Express," "The Engineering News," "The Engineering Record."

The same were adopted by the following vote:

Affirmative—Commissioners Duane, Tucker, Cannon and Green—4.

The Committee also presented the following, received from the Board of Estimate and Apportionment, and recommended that the same be spread in full on the minutes and filed:

Board of Estimate and Apportionment, City of New York: Resolved, That the Board of Estimate and Apportionment hereby approves the bill of George E. Sunderlin, amounting to twenty-five dollars ($25), for temporary right of way through his property for a road during the period of high water in Reservoir "D," as requested in a resolution of the Aqueduct Commission, adopted on May 29, 1895, and the Comptroller be and hereby is authorized to pay the same.

A true copy of resolution adopted by the Board of Estimate and Apportionment June 4, 1895.

CHAS. V. ADEE, Clerk.

On motion of Commissioner Cannon, the recommendation was approved.

The Comptroller, under date of May 31, 1895, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners for

Reservoir "I"	$1,200 00
Reservoir "M"	592 10
Cornell Dam	2,380 92
Double Reservoir "I"	12 00

And stating that on May 21, 1895, bonds were issued to the credit of the

"Additional Water Fund" for	100,000 00
Leaving a balance to the credit of said fund of	35,151 51

Which was ordered entered upon the books of the Commissioners and filed.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10341 to 10348, inclusive, amounting to $1,441.09, and of estimates contained in Vouchers Nos. 10349 to 10352, inclusive, amounting to $20,666.49.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, June 19, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee presented the resignation of Emott D. Buel as Axeman, and recommended that the same be accepted, to take effect as of June 15, 1895.

On motion of Commissioner Tucker, the recommendation was approved.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bills are hereby approved and ordered certified to the Comptroller for payment, viz.:

1st. Of Coleman & Washburn & Washburn, for two barrels of Portland cement, amounting to five dollars and eighty cents ($5.80).

2d. Of Mrs. John J. Hanney, for washing towels for New Croton Dam office, amounting to eight dollars and fifty cents ($8.50).

3d. Of Board of Water Commissioners of the Village of Sing Sing, for water supply for Sing Sing Prison, made necessary by cutting off the supply from the Old Croton Aqueduct, in connection with the construction of the New Croton Dam, amounting to sixty-five dollars ($65).

On motion of Commissioner Tucker, the same was adopted.

A communication was received from the Secretary reporting that the sum of $376.83 had been received by him from Division Engineer Wegman, being for rental of buildings in the villages of Katonah and Croton Falls, Westchester County, New York, for the month of June, 1895, said buildings being owned by the City of New York and under the control of the Aqueduct Commissioners, and that said amount had been transmitted to the City Chamberlain for the credit of the "Additional Water Fund," and his receipt therefor is on file.

On motion of Commissioner Green, the action of the Secretary was approved.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10,353 to 10,360, inclusive, amounting to $202.55.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned. EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

NOTE—On Wednesday, June 26, 1895, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

Minutes of Special Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Tuesday, July 2, 1895, at 3.30 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee recommended the adoption of the following resolution:

Resolved, That the bid-box be closed and the keys given to the President, and that the Secretary be authorized by this Commission to receive the bids for building the Jerome Park Reservoir, near Kingsbridge, in the Twenty-fourth Ward of the City of New York, as called for in the approved forms of contract and specifications on file in the office of the Aqueduct Commissioners, and also to receive the checks of the bidders, and to make the necessary preparations for opening the bids received for doing said work under the law.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bills are hereby approved and ordered certified to the Comptroller for payment, viz.:

1st. Of M. S. Benedict, for repairing tapes, amounting to two dollars and forty-five cents ($2.45).

2d. Of L. W. Elliott, for lumber, amounting to five dollars and forty-five cents ($5.45).

3d. Of Baxter & Shove, for use of horse and wagon, amounting to one hundred and thirty-three dollars and sixty-two cents ($133.62).

4th. Of Samuel Hopkins, for transportation and board, amounting to thirty-two dollars and four cents ($32.04).

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due the Corporation of the Village of North Tarrytown, Westchester County, New York, for the year 1895, amounting to twenty-six dollars and twenty-seven cents ($26.27), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, a leave of absence, without pay, is hereby granted to John Dynan, Stableman on the New Croton Dam Division, from July 1 to August 1, 1895, and until he shall be assigned to duty by the Chief Engineer.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, Application has been made by John Flanagan & Son, contractors, for an extension of time for the completion of their contract for constructing highways or roads and their appurtenances, fences, etc., at Reservoir "D," in the Towns of Carmel and Kent, Putnam County, New York, and the Chief Engineer having recommended that an extension of time be granted to September 1, 1895 ; therefore

Resolved, That the Aqueduct Commissioners hereby grant to John Flanagan & Son, contractors, an extension of time to September 1, 1895, in which to complete the contract above referred to, providing their bondsmen shall, within ten days from the date hereof, enter into stipulations continuing their obligations for and during the completion of said contract under said extension of time, which is hereby allowed to them as further time for the performance of said contract.

The same was adopted by the following vote :

Affirmative--Commissioners Duane, Tucker, Cannon and Green—4.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, Application has been made by Coldwell-Wilcox Company, contractors, for an extension of time for the completion of their contract for furnishing screen frames, hoisting apparatus, screens and their appurtenances at the New Croton Gate-house, and the Chief Engineer having recommended that an extension of time be granted to December 31, 1895 ; therefore

Resolved, That the Aqueduct Commissioners hereby grant to Coldwell-Wilcox Company, contractors, an extension of time to December 31, 1895, in which to complete the contract above referred to, providing their bondsmen shall, within ten days from the date hereof, enter into stipulations continuing their obligations for and during the completion of said contract under said extension of time, which is hereby allowed to them as further time for the performance of said contract.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Cannon and Green—4.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, The Chief Engineer of this Commission has certified, under date of July 2, 1895, that, in his opinion, Washburn, Shaler & Washburn have completely performed and carried out the provisions of the contract made by them with this Commission on the 18th day of February, 1890, for building an earth and masonry dam for Reservoir "M," on Titicus river, near Purdy's Station, N. Y., and has stated from actual measurements the whole amount of work done and materials furnished under and according to the terms of said contract, and of the true value thereof ; now, therefore, be it

Resolved, That the Aqueduct Commissioners do accept the work done and materials furnished by Washburn, Shaler & Washburn, under the contract above referred to, and direct that a proper voucher for the final payment for work done and materials furnished under said contract be approved by the Commissioners and certified to the Comptroller for payment.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Cannon and Green—4.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10367 to 10384, inclusive, amounting to $809.38, and of estimates contained in Vouchers Nos. 10385 and 10386, amounting to $42,076.25.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

NOTE—On Wednesday, July 3, 1895, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, July 10, 1895, at 3 o'clock P. M.

Present—The Comptroller, the Commissioner of Public Works, and Commissioners Duane, Tucker, Cannon and Green.

In pursuance of the following notice, published daily for fifteen consecutive days, commencing with June 15, 1895, in the CITY RECORD, "The World" and "The Sun," and in the following newspapers published in the City of New York, bids were received for building the Jerome Park Resorvoir, near Kingsbridge, in the Twenty-fourth Ward of the City of New York:

"The Tribune," "The New York Herald," "The Press," "The New York Times," "The Morning Journal," "The New York Recorder," "The Evening Post," "The Mail and Express," "Engineering News," "Engineering Record," and "The Journal of the Association of Engineering Societies," of Philadelphia, Pa.

AQUEDUCT COMMISSIONERS' OFFICE, ROOM 209, STEWART BUILDING, No. 280 BROADWAY,
NEW YORK, June 15, 1895.

To Contractors.

Bids or proposals for doing the work and furnishing the materials called for in the approved forms of contract now on file in the office of the Aqueduct Commissioners, for building the Jerome Park Reservoir, near Kingsbridge, in the Twenty-fourth Ward of the City of New York, will be received at this office until Wednesday, July 10, 1895, at 3 o'clock P. M., and they will be publicly opened by the Aqueduct Commissioners as soon thereafter as possible, and the award of the contract for doing said work and furnishing said materials will be made by said Commissioners as soon thereafter as practicable.

Blank forms of said approved contract, and the specifications thereof, and bids or proposals and proper envelopes for their inclosure, form of bonds, and all other information can be obtained at the above office of the Aqueduct Commissioners on application to the Secretary.

By order of the Aqueduct Commissioners.

JAMES C. DUANE, President.

EDWARD L. ALLEN, Secretary.

The following bids, upon which the required deposits had been made, were then opened and read aloud by the Secretary:

1.	Calvin E. Brodhead	$10,773,470 00
2.	Stratford & Hawkes	7,116,930 00
3.	Smith, Mason & Company	6,722,295 00
4.	J. S. & D. D. Casement & Company	6,067,447 50
5.	Andrew Onderdonk	5,492,620 00
6.	John B. McDonald	5,473,060 00
7.	T. E. Crimmins, J. W. Hoffman & Co. and Ira A. Shaler	7,656,180 00
8.	Washburn & Washburn	5,879,948 00
9.	John B. Westbrook	6,086,110 00
10.	John O'Brien	5,297,370 00
11.	James D. Leary	9,459,180 00
12.	Isaac A. Hopper	7,232,827 50
13.	Henry H. Brown	6,442,350 00
14.	Clinton Stevens	6,763,700 00
15.	R. A. Malone, Sons & Co.	5,621,182 00
16.	Ryan, Drake, McMullen & Rodgers	5,732,175 00
17.	J. P. Cranford & Son	6,195,440 00
18.	Ben. F. Coleman	13,368,200 00

Whereupon, on motion of Commissioner Cannon, the following preamble and resolution was adopted:

Whereas, Bids for building the Jerome Park Reservoir, near Kingsbridge, in the Twenty-fourth Ward of the City of New York, having been received and publicly opened and read; therefore,

Resolved, That the Chief Engineer is hereby directed to have said bids calculated and tabulated and submit the same, together with his estimate of the work, at a meeting of the Construction or Executive Committee of the Aqueduct Commissioners, for consideration and canvassing by them, at 2 o'clock P. M., on the 17th day of July, 1895, and the bids and checks of the bidders, so received, are hereby referred to the Committee of Finance and Audit for examination and report to the Commissioners as to their formality and the sufficiency of the sureties proposed by the bidders.

On motion of Commissioner Tucker, a recess was then taken.

Upon resuming the meeting there were present—Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bills are hereby approved and ordered certified to the Comptroller for payment, viz.:

1st. Of S. Hoyt, for cleaning cess-pool at Katonah, amounting to five dollars ($5).

2d. Of P. Dexter, for taking down barn at Croton Falls, amounting to thirteen dollars and fifty cents ($13.50).

3d. Of Coleman & Washburn & Washburn, for three bags of cement, amounting to two dollars and eighteen cents ($2.18).

4th. Of R. D. Philbin, for transportation and board, amounting to thirty dollars and eighty-nine cents ($30.89).

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following preambles and resolutions:

Whereas, The last extension of time granted to Washburn, Shaler & Washburn, contractors for the construction of an earth and masonry dam for Reservoir "M," near Purdy's Station, New York, expired on December 31, 1894; and

Whereas, The final estimate for the work done and materials furnished was accepted by the Aqueduct Commissioners on July 2, 1895, and the period of time from December 31, 1894, to July 2, 1895, is not covered by the extension of time heretofore granted; therefore, be it

Resolved, That an extension of time to July 2, 1895, is hereby granted to Washburn, Shaler & Washburn, in which to complete the work under the contract for the construction of said dam and reservoir; and further

Resolved, That the action of the Aqueduct Commissioners in accepting the final estimate for said work be and the same is hereby ratified and approved.

The same were adopted by the following vote: Affirmative—Commissioners Duane, Tucker, Cannon and Green—4.

The Committee also recommended the adoption of the following resolution:

Resolved, That the accompanying bill for taxes due the town of Mount Pleasant, Westchester County, New York, for the year 1894, amounting to thirty-six dollars and sixty-five cents ($36.65), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Comptroller, under date of June 29, 1895, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners for—

Cornell Dam	$1,373 55
Croton Falls	1,083 40
Jerome Park Reservoir	1,487 00
Reservoir "M"	500 00
Reservoir "M" 2d Section	2,340 00
Manhattan Island Section	771 35
Reservoir "D"	8
Sodom Dam	6

And stating that bonds had been issued for the credit of the "Additional Water Fund"

On June 25, 1895, for	$100,000 00
Leaving a balance to the credit of said fund of	83,467 39

Which was ordered entered upon the books of the Commissioners and filed.

A communication was received from the Secretary reporting that the sum of $462 had been received by him from Division Engineer Alfred Craven, being net proceeds of sale of hay recently standing within the boundaries of Reservoir "M," on Titicus river, near Purdy's Station, New York, and that said amount had been transmitted to the City Chamberlain for the credit of the "Additional Water Fund," and his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

A communication was received from the Secretary reporting that the sum of $290 had been transmitted by him to the City Chamberlain, for the credit of the "Additional Water Fund," being proceeds of sale of contract drawings for building the Jerome Park Reservoir, near Kingsbridge, in the Twenty-fourth Ward of the City of New York, and that receipts for the above amount are on file in his office.

On motion of Commissioner Green, the action of the Secretary was approved.

The Secretary gave notice of the filing of a lien by Ellsworth Fowler against William E. Nolan, contractor for constructing a highway or road across the East Branch of Reservoir "D," near Carmel, Putnam County, N. Y., amounting to $137.52.

On motion of Commissioner Cannon, the same was ordered filed.

The following was received from the Chief Engineer:

NEW YORK, July 10, 1895.

To the Honorable the Aqueduct Commissioners:

GENTLEMEN—My estimate of the work to be done for the Jerome Park Reservoir, computed in accordance with the approximate quantities of materials on which the bids are to be based, is $5,882,690.

I am, respectfully,

A. FTELEY, Chief Engineer.

On motion of Commissioner Cannon, the same was ordered spread on the minutes and filed.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10,389 to 10,398, inclusive, amounting to $324.04, and of estimates contained in Vouchers Nos. 10,399 and 10,400, amounting to $5,751.56.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, July 17, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10401 to 10413, inclusive, amounting to $885.84, and of estimates contained in Vouchers Nos. 10414 and 10415, amounting to $18,234.49.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee presented the following communication, received from the Chief Engineer:

NEW YORK, July 15, 1895.

To the Honorable the Committee on Construction:

GENTLEMEN—I submitted to you informally on July 2, two bids presented to me for the filling of certain cellar holes in Titicus Reservoir, and you requested me to communicate with the Civil Service Board in order to ascertain whether it was against the rules of their Department to pay for labor when the same includes the furnishing of superintendence, tools, etc.

I communicated with Secretary Lee Phillips, who answers as follows:

"NEW YORK, July 12, 1895.

"A. FTELEY, Esq., *Chief Engineer, Aqueduct Commission:*

"DEAR SIR—I have the honor to advise you that at a meeting of the Civil Service Commissioners, held on June 10, your inquiry as to the propriety of employing a contractor to fill the old cellars and other excavations about Reservoir 'M,' the work to be done by day's labor, was submitted to the Board, and I was directed to say that, in the opinion of this Board, there can be no objection to having the work done in the manner suggested, it being in the nature of a contract, and the names of the Laborers not appearing upon the city pay-roll.

"Yours, very respectfully,

(Signed.) "LEE PHILLIPS, Secretary and Executive Officer."

As you authorized me to order the work done in case the method of letting was not objected to by the Civil Service Commissioners, I have directed the Division Engineer to give the work to the lowest bidder, Mr. Oscar Miersch, of Purdy's Station, N. Y.

The bids received are as follows :

	OSCAR MIERSCH.	OSCAR MCBRIDE.
For each Laborer of every class, including use of tools, and all expenses of whatever kind, for each day of 10 hours' actual work	$1 65	$1 70
For each team of two horses including wagon and driver, and all expenses of whatever kind connected therewith, for each day of 10 hour's actual work	4 00	4 00

I am, respectfully,

A. FTELEY, Chief Engineer.

And recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in ordering the work required to be done for the filling of certain cellar holes in Titicus Reservoir by Oscar Miersch, of Purdy's Station, New York, the lowest bidder, at the prices named in his bid, be and hereby is approved.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Cannon, and Green—4.

A communication was received from the Secretary reporting that the sum of $369.33 had been received by him from Division Engineer Wegmann, being amount of rents collected at Katonah and Croton Falls, New York, for the month of July, 1895, on buildings owned by the City of New York and under the control of the Aqueduct Commissioners, and stating that said amount had been transmitted by him to the City Chamberlain for the credit of the "Additional Water Fund," and his receipt therefor was on file.

On motion of Commissioner Green, the action of the Secretary was approved.

On motion of Commissioner Cannon, the consideration of the bids received at the last meeting for building the Jerome Park Reservoir, near Kingsbridge, in the Twenty-fourth Ward of the City of New York, was postponed to the next stated meeting of the Commissioners.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, July 24, 1895, at 3 o'clock P. M.

Present—The Comptroller, the Commissioner of Public Works and Commissioners Duane, Tucker, Cannon and Green.

The Committee of Finance and Audit submitted the following :

The Committee of Finance and Audit report that they have examined the bids and checks received on July 10, 1895, for building the Jerome Park Reservoir, near Kingsbridge, in the Twenty-fourth Ward of the City of New York. The checks, amounting to $576,000, were correct, and were transmitted to the Comptroller, and his receipt therefor is on file. The bids were found correct as to their formality, and the sureties proposed appear to be sufficient.

On motion of Commissioner Tucker, the report was approved.

The Construction or Executive Committee recommended the adoption of tthe following resolution :

Resolved, That the contract for building the Jerome Park Reservoir, near Kingsbridge, in the Twenty-fourth Ward of the City of New York, be and the same is hereby awarded to John B. McDonald at his bid of five million four hundred and seventy-three thousand and sixty dollars ($5,473,060), it being less than the estimate of the Chief Engineer.

The same was adopted by the following vote :

Affirmative—The Comptroller, the Commissioner of Public Works and Commissioners Duane, Tucker and Green—5.

Negative—Commissioner Cannon—1.

Edward Browne and E. T. Lovatt appeared before the Commissioners and stated that they represented John O'Brien, as counsel, and requested that the Commissioners reconsider their action awarding the contract for building the Jerome Park Reservoir to John B. McDonald, and that Mr. O'Brien be given an opportunity to be heard concerning his bid for doing said work.

The Commissioners declined to reconsider their resolution, but, on motion of Commissioner Green, it was voted that the counsel for Mr. O'Brien should be given until Friday, July 26, 1895, at 4 o'clock P. M., within which to file their statement, for consideration by the Commissioners and by the Counsel to the Corporation, and that no affirmative action be taken on the resolution of award until then.

On motion of Commissioner Green, a recess was then taken.

Upon resuming the meeting there were present Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee presented the following communication, received from the Chief Engineer :

NEW YORK, July 23, 1895.

To the Honorable the Committee on Construction :

GENTLEMEN—This is to inform you that, in accordance with my verbal statement to you, I have received prices from Messrs. George Juengst & Sons, of Croton Falls, and from Messrs. Skinner & Connolly, of Yonkers, N. Y., for furnishing cast-iron hoods, bolts, etc., for the further protection of the sluice-gates at the Brewster Dam, and that I have ordered Messrs. Skinner & Connolly (the lowest bidders) to do the work at their price of $121. The other bid was very much higher. Yours, respectfully,

A. FTELEY, Chief Engineer.

And recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in ordering Skinner & Connolly, the lowest bidders, to do the work of furnishing cast-iron hoods, bolts, etc., required for the further protection of the sluice-gates at the Brewster Dam, at their price of one hundred and twenty-one dollars ($121) be and hereby is approved.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Cannon and Green—4.

The Committee also presented the following communication, received from the Chief Engineer :

NEW YORK, July 23, 1895.

To the Honorable the Committee on Construction :

GENTLEMEN—Under my instructions and in accordance with your views, Division Engineer Craven has settled the question of damage for the school-house and lot in School District No. 9 at Reservoir " D " for the sum of $740 ; which amount is recommended for your approval.

I understand that the acceptance by Mr. N. D. Shaw, the Commissioner of that School District, is made with the idea that a prompt payment will be made for the school property.

I submit herewith the correspondence between Division Engineer Craven and the School Commissioner. Yours, respectfully, A. FTELEY, Chief Engineer.

P. S.—You may recollect that this negotiation has taken place under the advice of Mr. H. T. Dykman.

And recommended the adoption of the following resoluion :

Resolved, That, subject to the approval of the Board of Estimate and Apportionment, the arrangement entered into by Division Engineer Alfred Craven with N. D. Shaw, sole trustee of School District No. 9 of the Town of Kent, Putnam County, New York, for damage for the school-house and lot in said School District No. 9, at Reservoir "D," for the sum of seven hundred and forty dollars ($740), be and hereby is approved, and a voucher for said amount is hereby ordered drawn and certified to the Comptroller for payment.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Cannon and Green—4.

The Committee also presented final plan sheet, described as "Exhibit No. 3 of 1895," submitted by the Commissioner of Public Works on July 24, 1895, showing certain additional parcels of land required for the construction of the New Croton Reservoir, in the Town of Cortlandt, Westchester County, New York, and recommended the adoption of the following resolution :

Resolved, That, for the more efficient carrying-out of the provisions of chapter 490 of the Laws of 1883 of the State of New York, and the acts amendatory thereof, we, the Aqueduct Commissioners, do hereby approve and adopt the aforesaid final plan sheet showing certain additional parcels of land required for the construction of the New Croton Reservoir, in the Town of Cortlandt, Westchester County, New York, and direct that the same be duly certified and filed in this office and designated "Final Plan Sheet No. 3 of 1895" ; and that a copy thereof be certified and transmitted to the Commissioner of Public Works for filing in his office, as required by section 25 of the aforesaid act.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Cannon and Green—4.

The Committee also presented six similar property maps, submitted by the Commissioner of Public Works on July 24, 1895, showing certain additional parcels of land required for the construction of the New Croton Reservoir, in the Town of Cortlandt, Westchester County, New York, and recommended the adoption of the following resolution :

Resolved, That the six similar property maps, received from the Commissioner of Public Works on July 24, 1895, showing certain additional parcels of land required for the construction of the New Croton Reservoir, in the Town of Cortlandt, Westchester County, New York, be and the same are hereby approved and adopted, and directed to be certified and transmitted to the Counsel to the Corporation for filing and delivery to the Commissioners of Appraisal, in accordance with the provisions of chapter 490 of the Laws of 1883 of the State of New York ; and the Counsel to the Corporation is hereby requested to take the steps necessary to acquire for the City, under chapter 490 of the Laws of 1883 of the State of New York, the fee in the lands described on said maps ; and the Secretary is hereby directed to furnish to the Counsel to the Corporation all maps, plans, etc., which he may require in the premises.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Cannon and Green—4.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due School District No. 2, Town of Mount Pleasant, Westchester County, New York, for the year 1894, amounting to eleven dollars and ninety-nine cents ($11.99), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10421 to 10427, inclusive, amounting to $3,964.77.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

Commissioner Green then moved that when the Commissioners adjourn, they adjourn to meet on Monday, July 29, 1895, at 2 o'clock P. M. Carried.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Adjourned Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Monday, July 29, 1895, at 2 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

On motion of Commissioner Green, the following preamble and resolution was adopted :

Whereas, The brief and protest of John O'Brien relating to the award of the contract for the Jerome Park Reservoir has been filed with this Commission since its last meeting, and the same has been submitted to the Corporation Counsel for his opinion thereon, which has not yet been received ; therefore

Resolved, That this Commission do now adjourn, and all action concerning the said brief and protest of John O'Brien be deferred until the next stated meeting of the Board.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, July 31, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10,428 to 10,441, inclusive, amounting to $403.34.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment, viz.:

1st. Of The Eureka Chemical Company, for metallic paint used in and about gate-house at Sodom Dams, amounting to $22.50.

2d. Of Bert. Tompkins, for transportation and board, amounting to $25.54.

3d. Of R. D. Philbin, for transportation and board, amounting to $22.54.

4th. Of William James, for transportation and board, amounting to $25.54.

5th. Of Samuel Hopkins, for transportation and board, amounting to $27.34.

6th. Of Robert L. Fraser, for transportation and board, amounting to $25.84.

On motion of Commissioner Tucker, the same was adopted.

The Committee also presented the following communication, received from the Chief Engineer:

NEW YORK, July 31, 1895.

To the Honorable the Committee on Construction:

GENTLEMEN—On July 17 you authorized me to ask for bids from five firms of bridge-builders for the construction of a bridge in Reservoir "D," at Cole's Mills, viz.:

The Phœnix Bridge Company, New York; Passaic Rolling Mills Company, Paterson, N. J.; Berlin Iron Bridge Company, East Berlin, Conn.; King Bridge Company, Cleveland, Ohio; Cooper, Hewitt & Co., 17 Burling Slip, New York.

The bids were to be handed in on or before July 23, 1895, at which time three (3) were received as follows; no other bid was received since :

New Jersey Steel and Iron Company	$1,632 00
Passaic Rolling Mills Company	1,445 00
Berlin Iron Bridge Company	1,390 00

This bridge is a duplicate of the bridge built last year below Carmel Dam, but will cost more to transport to and erect on the present location.

The price tendered by the lowest bidder, The Berlin Iron Bridge Company, being reasonable, I recommend that the Chief Engineer be authorized to order the bridge from that firm.

I am, respectfully,

A. FTELEY, Chief Engineer.

--and recommended the adoption of the following resolution :

Resolved, That the Berlin Iron Bridge Company, of East Berlin, Connecticut, be and hereby is directed to construct a bridge required to be built in Reservoir "D," at Cole's Mills, in Putnam County, New York, at their offer to do said work of thirteen hundred and ninety dollars ($1,390), it being the lowest offer received.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Cannon and Green—4.

On motion of Commissioner Green, the following preamble and resolution was adopted :

Whereas, The matter of the Jerome Park Reservoir contract is now before the Supreme Court on the application for an injunction in the case of one Terrill against the City :

Resolved, That no action therein be taken by the Commission at this meeting, and the whole matter, including all briefs, statements and protests, do lie upon the table, subject to the decision of the Court.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

NOTE.—On Wednesday, August 7, 1895, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

NOTE.—On Wednesday, August 14, 1895, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

NOTE.—On Wednesday, August 21, 1895, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

Minutes of Special Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Friday, August 23, 1895, at 3 o'clock P. M.

Present—The Commissioner of Public Works, and Commissioners Duane, Tucker and Cannon.

The Construction or Executive Committee submitted forms of contract, specifications and bond received from the Commissioner of Public Works on the 23d day of August, 1895, to provide for constructing new highways and their appurtenances, fences, etc. (Line No. 1 and Line No. 4), in the Town of Cortlandt, Westchester County, New York, and recommended the adoption of the following resolutions :

Resolved, That the form of contract, specifications and bond submitted by the Commissioner of Public Works on the 23d day of August, 1895, and approved by the Counsel to the Corporation "as to form," for constructing new highways and their appurtenances, fences, etc. (Line No. 1 Line No. 4), in the Town of Cortlandt, Westchester County, New York, be and the s hereby approved and adopted, and the Secretary is hereby directed to have triplicate copi

prepared for certification by the Aqueduct Commissioners and filed in accordance with section 25, chapter 490, Laws of 1883.

Resolved, That the President and Secretary be and they are hereby authorized and directed to publish in the CITY RECORD, "The New York Times" and "The New York Herald" a notice and advertisement for sealed bids or proposals for doing the work and furnishing the materials for constructing new highways and their appurtenances, fences, etc. (Line No. 1 and Line No. 4), in the Town of Cortlandt, Westchester County, New York, as called for in the form of contract approved by the Aqueduct Commissioners this day.

The same were adopted by the following vote:

Affirmative—The Commissioner of Public Works and Commissioners Duane, Tucker and Cannon—4.

The Committee also presented the following communications:

NEW YORK, August 21, 1895.

To the Honorable the Committee on Construction:

GENTLEMEN—I transmit herewith the acceptance of Ira Crane, Sole Trustee of School District No. 6, Town of Carmel, of the terms offered for the settlement of his claim for School District No. 6 (Parcel No. 14 of Reservoir "D").

The terms are $1,925 and the desks and other movable furniture of the present school-house. This settlement is in conformity with your resolution of May 15, 1895.

Allow me to say that the School Trustee expects that a prompt payment will be made for the above mentioned property. The prompt settlement of his claim consequently is recommended.

Yours, respectfully, A. FTELEY, Chief Engineer.

CARMEL, N. Y., August 13, 1895.

ALFRED CRAVEN, Esq., *Division Engineer:*

DEAR SIR—The terms offered by the Aqueduct Commissioners, per your letter of the 26th instant, for settlement of claim of District No. 6, of the Town of Carmel, to Parcel No. 14 of Reservoir "D," namely, $1,925 cash and the desks and other movable furniture of the present school-house, are hereby accepted. Very truly yours,

IRA CRANE, Sole Trustee of School District No. 6, of the Town of Carmel.

And recommended the adoption of the following resolution:

Resolved, That (subject to the approval of the Board of Estimate and Apportionment) the arrangement entered into for the settlement of the claim of Ira Crane, Sole Trustee of School District No. 6, in the Town of Carmel, Putnam County, New York, for the sum of nineteen hundred and twenty-five dollars ($1,925), as above set forth, be and hereby is approved, and a voucher for said amount is hereby ordered drawn and certified to the Comptroller for payment.

The same was adopted by the following vote:

Affirmative—The Commissioner of Public Works and Commissioners Duane, Tucker and Cannon—4.

The Committee also presented final plan sheet, described as "Exhibit No. 5 of 1895," submitted by the Commissioner of Public Works on August 20, 1895, showing certain additional parcels of land required for the construction of the New Croton Reservoir, in the Village of Katonah, Town of Bedford, Westchester County, New York, and recommended the adoption of the following resolution :

Resolved, That, for the more efficient carrying out of the provisions of chapter 490 of the Laws of 1883 of the State of New York and the acts amendatory thereof, we, the Aqueduct Commissioners, do hereby approve and adopt the aforesaid final plan sheet showing certain additional parcels of land required for the construction of the New Croton Reservoir, in the Village of Katonah, Town of Bedford, Westchester County, New York, and direct that the same be duly certified and filed in this office and designated "Final Plan Sheet No. 5 of 1895," and that a copy thereof be certified and transmitted to the Commissioner of Public Works for filing in his office, as required by section 25 of the aforesaid act.

The same was adopted by the following vote :

Affirmative—The Commissioner of Public Works and Commissioners Duane, Tucker and Cannon—4.

The Committee also presented six similar property maps submitted by the Commissioner of Public Works on August 20, 1895, showing certain additional parcels of land required for the construction of the New Croton Reservoir, in the Village of Katonah, Town of Bedford, Westchester County, New York, and recommended the adoption of the following resolution :

Resolved, That the six similar property maps received from the Commissioner of Public Works on August 20, 1895, showing certain additional parcels of land required for the construction of the New Croton Reservoir, in the Village of Katonah, Town of Bedford, Westchester County, New York, be and the same are hereby approved and adopted, and directed to be certified and transmitted to the Counsel to the Corporation for filing and delivery to the Commissioners of Appraisal, in accordance with the provisions of chapter 490 of the Laws of 1883 of the State of New York ; and the Counsel to the Corporation is hereby requested to take the steps necessary to acquire for the City, under chapter 490 of the Laws of 1883 of the State of New York, the fee in the lands described on said maps, and the Secretary is hereby directed to furnish to the Counsel to the Corporation all maps, plans, etc., which he may require in the premises.

The same was adopted by the following vote :

Affirmative—The Commissioner of Public Works and Commissioners Duane, Tucker and Cannon—4.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, The Chief Engineer reports that the leave of absence, without pay, granted to John Dynan, Stableman on the New Croton Dam Division, from July 1 to August 1, 1895, actually began on July 15, 1895 ; therefore

Resolved, That the resolution adopted on July 2, 1895, granting such leave of absence, be and hereby is amended so as to read from July 15 to August 1, 1895, instead of from July 1 to August 1, 1895.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, The claim of Thomas Loftus for back-pay for work done in the year 1889, amounting to sixteen dollars ($16), having been referred to the Comptroller, and he having notified the Aqueduct Commissioners that no objection will be raised by him to the payment of said claim, and it appearing to the satisfaction of the Aqueduct Commissioners that said claim is for work actually performed but never paid for ; therefore

Resolved, That the claim of said Thomas Loftus be approved and the same certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill of J. F. Kemp, for investigating the quality of the stone in the quarry recently opened by the contractors near the New Croton Dam, amounting to one hundred and fifty-three dollars and ten cents ($153.10), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bills are hereby approved and ordered certified to the Comptroller for payment, viz. :

1st. Two bills of Seth Hoyt, for cleaning privies, etc., amounting to $15.

2d. Of Philip Dexter, for examination and report on three barns in Croton Reservoir, amounting to $10.

3d. Of George W. Whitman, for inspection of iron-pipe for Shaft No. 26, amounting to $25.71.

4th. For Buff & Berger, for rods for current-meter, amounting to $27.35.

5th. Of A. B. Orton, for hire of horse and cart, with driver, amounting to $15.

6th. Two bills of Coleman & Washburn & Washburn, for extra work at gate-house of Main Carmel Dam, amounting to $126.34.

7th. Of W. W. Weed, for blacksmith work, etc., for party of machinists at Sodom Dams, amounting to $21.17.

8th. Two bills of George Juengst & Sons, for brass castings and bronze washers, for use at Sodom Dams, amounting to $72.45.

9th. Of R. D. Philbin, for transportation and board, amounting to $27.74.

10th. Of William James, for transportation and board, amounting to $27.44.

11th. Of Robert L. Fraser, for transportation and board, amounting to $27.74.

12th. Of Samuel Hopkins, for transportation and board, amounting to $29.84.

13th. Of Bert Tompkins, for transportation and board, amounting to $28.64.

On motion of Commissioner Tucker, the same was adopted.

The following was received :

BOARD OF ESTIMATE AND APPORTIONMENT, CITY OF NEW YORK.

And offered the following :

Resolved, That the Board of Estimate and Apportionment hereby concur in and approve of the resolution adopted by the Board of Aqueduct Commissioners July 24, 1895, settling the amount of damage to be paid for school-house and lot in School District No. 9 at Reservoir "D."

A true copy of resolution adopted by the Board of Estimate and Apportionment August 1, 1895.

CHAS. V. ADEE, Clerk.

Which was ordered spread on the minutes and filed.

The Comptroller, under date of July 31, 1895, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners for

Reservoir "M"	$422 99
Croton Falls	1,040 00
Cornell Dam	6,307 49
Jerome Park Reservoir	2,004 95
Reservoir "M" (second section)	106 05
Leaving a balance to the credit of the "Additional Water Fund" of	$5,001 05

Which was ordered entered upon the books of the Commissioners and filed.

A communication was received from the Secretary reporting the receipt of the sum of $360.33 from Division Engineer Edward Wegmann, being amount of rents collected at Katonah and Croton Falls, New York, for the month of August, 1895, on buildings owned by the City of New York and under the control of the Aqueduct Commissioners, and stating that said amount had been transmitted by him to the City Chamberlain for the credit of the "Additional Water Fund," and his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

The Secretary presented abstract of trial balance showing the expenditures of the Aqueduct Commission from its inception to and including June 30, 1895.

On motion of Commissioner Cannon, the same was ordered spread upon the minutes and filed, viz. :

Abstract of Trial Balance, June 30, 1895.

Commissioners' Office.		
Salaries of Commissioners	$274,601 91	
Salaries of Secretary and employees	163,609 12	
Stationery	4,714 77	
Furniture and fixtures	3,432 26	
Rent	48,831 00	
Incidental expenses	7,927 78	
Books, maps and drawings	746 05	
Traveling expenses	1,944 47	
Advertising	30,784 39	
Stenographic reports	4,334 29	
		$540,926 04
Chief Engineer's Office.		
Salaries of Engineers, etc.	$536,088 63	
Stationery	7,238 43	
Furniture and fixtures	4,657 69	
Rent	57,322 75	
Incidental expenses	8,972 77	
Books, maps and drawings	22,203 17	
Consulting Engineer's fees	100 00	
Drawing instruments, tables and materials	4,623 33	
Testing machines and tests	8,211 81	
		649,418 58
Tarrytown Office.		
Salaries of Engineers	$57,692 24	
Stationery	1,180 41	
Furniture and fixtures	750 25	
Rent	6,600 00	
Incidental expenses	4,227 91	
Books, maps and drawings	92 81	
Drawing instruments, tables and materials	1,127 78	
Laborers on the line	2,703 17	
Drivers and Laborers	19,989 03	
Field instruments and implements	8,791 99	
Traveling expenses	4,094 53	
Harness and stable fittings	2,051 20	
Maintenance—Horses and wagons	11,122 82	
Horses	3,573 00	
Wagons	1,518 00	
Hire of horses and wagons	2,784 25	
		128,299 39

Division Engineers.		
Salaries of Engineers and Laborers, old account	$154,834 84	
Salaries of Engineers and Laborers, new account	1,667,173 50	
Stationery	7,411 54	
Furniture and fixtures	5,737 66	
Rent	26,950 63	
Incidental expenses	17,866 51	
Books, maps and drawings	645 47	
Drawing instruments, tables and materials	3,534 94	
Field instruments and implements	18,695 47	
Traveling expenses	9,415 93	
Harness and stable fittings	2,466 63	
Maintenance—Horses and wagons	20,062 18	
Horses	3,750 00	
Wagons	2,551 00	
Heating headquarters	11,754 43	
Hire of horses and wagons	2,312 35	
Testing machines and tests	3,078 81	
Laborers on the line	15 75	
Auxiliary offices	4,187 12	
		$1,962,444 76
Croton Lake Survey.		
Salaries of Engineers and Laborers	$39,620 04	
Incidental expenses	17 34	
Field instruments and implements	583 16	
Traveling expenses	340 92	
Hire of horses and wagons	130 25	
Maintenance—Horses and wagons	51 60	
Rent	24 00	
Harness and stable fittings	45	
Drawing instruments, tables and materials	1 00	
		40,768 76
New Reservoir Survey.		
Salaries—Engineers and Laborers	$9,588 00	
Drawing instruments, tables and materials	25 68	
Field instruments and implements	434 31	
Furniture and fixtures	6 38	
Traveling expenses	8 54	
Stationery	3 91	
Incidental expenses	52 06	
		10,118 88

334907

Sodom Dam Survey.		
Salaries—Engineers and Laborers	$7,072 68	
Maintenance—Horses and wagons	2 00	
Field instruments and implements	86 49	
Hire of horses and wagons	50 75	
Incidental expenses	44 98	
Stationery	1 50	
Traveling expenses	47 10	
		$7,305 50
Surveying Dam Sites.		
Salaries of Engineers and Laborers	$36,402 76	
Stationery	33 30	
Hire of horses and wagons	102 00	
Field instruments and implements	114 42	
Heating headquarters	6 93	
Furniture and fixtures	37 50	
Traveling expenses	930 16	
Drawing instruments, tables and materials	7 80	
Incidental expenses	57 55	
	896 18	
Maintenance—Horses and wagons	793 95	
Rent	815 70	
Books, maps and drawings	8 00	
		40,206 25
Principal Assistant Engineer, New York Office.		
Heating headquarters	$9 25	
Stationery	59 06	
Furniture and fixtures	36 24	
Incidental expenses	53 36	
		157 91
Aqueduct Commissioners' Report, 1883–1887	$8,901 51	
Aqueduct Commissioners' Report, 1887–1892–1895	1,287 88	
Engraving and printing	28,682 77	
Reports of Engineers and Aqueduct Commissioners on Quaker Bridge Dam	1,473 16	
Reports of Engineers on High Masonry Dam	490 75	
Construction damages	699 50	
Claims for damages	2,438 50	
Taxes on lands	21,406 04	
Land agents	1,168 65	
Diamond rock-boring drills	157,003 79	
Diamond rock borings	7,077 42	

Monumenting the line	$3,712 98	
Monumenting Sodom Dam Survey	1,546 72	
Monumenting Aqueduct Tunnel—Division Engineer	143 72	
Models	1,355 43	
Observatory towers	1,805 95	
Judgments	37,019 34	
Land and land damages	65,763 07	
Examination of ventilation and lighting	1,306 36	
Examining Engineers	11,041 82	
Board of Experts, etc., Quaker Bridge Dam	12,550 00	
Experts examining construction work	11,926 16	
Experts on water-gates and other machinery	210 00	
Inspection of cast-iron pipes, etc	8,414 30	
East Branch Reservoir, incidental expenses	165 00	
Abating nuisances in the Croton water-shed	12,874 08	
Monumenting Brewster reservoirs	393 00	
		$400,857 90

Contracts.

	Esti-mate.	Contractor.	
Section 1	Final.	Smith & Brown	$649,964 62
" 2	"	Brown, Howard & Co	2,493,664 38
" 3	"	"	1,838,247 04
" 4	"	"	1,807,819 50
" 5	"	"	812,370 91
" 6	"	O'Brien & Clark	748,852 97
" 7	"	"	1,783,419 68
" 8	"	"	1,457,678 22
" 9	"	"	1,924,161 07
" B	"	Heman Clark	1,516,572 46
" A	"	"	1,105,840 58
" 12	"	Chas. Peterson, assignee of O'Brien & Clark	140,182 91
" 12	36	O'Brien & Clark	401,740 13
" 13	Final.	John Brunton & Co	427,641 42
" 14	"	"	647,869 75
" 15	"	Richard A. Malone	156,358 20
" 15½	"	Robert Hanna & Co	27,416 82
" 16	"	O'Brien & Clark	1,013,220 54
" 17	"	Richard J. Malone	37,621 69

	ESTIMATE.	CONTRACTOR.	
East Branch Reservoir Dam.....	....	Sullivan, Rider & Dougherty.....	$436,499 05
Dams 1 and 2, and adjacent tunnel...	....	David R. Paige & Co.....	329,798 04
Deepening and finishing Shaft No. 24.	Final.	O'Brien & Clark.....	91,904 59
Iron-lined masonry Aqueduct, near Shaft 30.....	"	Breuchaud, Pennell & Co.....	69,369 20
Stop-cock valves, etc., on Section 15..	"	Coldwell, Wilcox & Co.....	19,649 53
Gate-house superstructure, etc., at Pocantico.....	"	John Peirce.....	21,717 92
Shaft 13A, Section 7.....	"	O'Brien & Clark.....	22,963 40
" 13¼, " 7.....	"	"	18,093 69
" 15½, " 7.....	"	John A. Lee	15,412 90
One Hundred and Thirty-fifth Street Gate-house doors, windows, etc., Section 15.....	"	Charles W. Palmer.....	6,935 00
Cast-iron work, wrought-iron work, etc., New Croton Gate-house, Section 1.....	"	Coldwell, Wilcox & Co.....	16,057 02
Highways or roads, etc., at East Branch and Bog Brook Reservoirs.....	"	Clinton Stephens.....	90,851 69
Gate-house superstructure walls for blow-off chamber at Ardsley, Section 7.....	"	O'Brien & Clark.....	4,900 00
Cutting timber and clearing grounds, East Branch and Bog Brook Reservoirs.	"	Pennell & O'Hern.....	8,975 00
22 2' x 5' sluice-gates, etc., Sections 15 and 17.....	"	John Fox.....	14,190 00
3' x 4' sluice-gates, etc., Pocantico, Ardsley and South Yonkers Gate-houses, Sections 4, 7 and 9	"	"	6,750 00
3' x 6' sluice-gates, etc., New Croton Gate-house, Section 1..	"	"	21,900 00
Earth and masonry dam, Reservoir "M," on Titicus river, near Purdy's Station.....	....	Washburn, Shaler & Washburn.	957,363 64
Gate-house superstructure at South Yonkers, Section 9.....	Final.	O'Brien & Clark.....	20,349 79
Gate-house superstructure, etc. for new gate chambers at Croton Dam, Section	"	Smith, Brown & Coleman.....	51,783 01
Combined stationary hoisting engines, etc., for Shaft 25, Section 12	"	Charles Peterson...	11,250 00
Two pairs horizontal tubular boilers, etc., Shaft 5, Section 1.	"	West Point Manufacturing Company..	11,900 00
Earth and masonry dam, Reservoir "D".....	....	Michael S. Coleman	127,039 74
Earth and masonry dam, Reservoir "D".....	....	Coleman & Washburn & Washburn, assignees of Michael S. Coleman.	228,578 74
Auxiliary earth and masonry dam, near Craft's Station, Reservoir "D"	....	Michael S. Coleman.....	57,480 99
Auxiliary earth and masonry dam, near Craft's Station, Reservoir "D".....	....	Coleman & Washburn & Washburn, assignees of Michael S. Coleman.	76,218 25
Eleven head-house superstructures, etc., for the shafts.....	Final.	Breuchaud, Pennell & Co.....	40,251 28
Blow-off Shaft 24, Section A.....	"	John M. Waddle.....	1,644 91
" 24, " A.....	"	John F. Gaynor assignee of John M. Waddle	19,557 43
" 24, " A.....	"	New York Central and Hudson River Railroad Company.....	491 84
Two complete portable hoisting plants	"	West Point Manufacturing Company..	7,800 00
Highway, retaining-walls, appurtenances, etc., Croton Dam....	"	Augustine M. Newton.....	16,717 09

	ESTIMATE.	CONTRACTOR.		
Grading, improving and fencing grounds, One Hundred and Thirty-fifth Street Gate-house.	Final.	Peter J. Moran	$9,564 77	
Grading, improving and fencing grounds at several of the shafts	"	Hyman Levy & Thomas Quinn	22,374 14	
Head-house and engine-room superstructure, etc., Shaft 25, Section 12	"	John Peirce, assignee of W. H. Baker.	43,605 80	
Two brick engine-houses for the portable hoisting plants	"	John Twiname	9,546 00	
New Croton Dam	....	James S. Coleman	660,104 90	
"	....	Coleman, Ryan & Brown, assignees of J. S. Coleman	56,652 43	
Fencing the boundary of the East Branch Reservoir	Final.	John E. Brooks	10,647 73	
Highways or roads and their appurtenances at Reservoir "D"	....	Peter J. Moran	3,083 52	
Highways or roads and their appurtenances at Reservoir "D"	....	John Flanagan, assignee of Peter J. Moran	96,481 11	
Highways or roads and their appurtenances at Reservoir "M"	....	John Twiname	66,866 83	
Highways or roads and their appurtenances at Reservoir "D"	....	John Flanagan & Son	56,778 51	
Highways or roads and their appurtenances at Reservoir "D"	....	William E. Nolan	139 19	
Six sluice-gates with hoisting apparatus, Gate-house, Titicus Dam	....	Coldwell, Wilcox Co	4,479 00	
Total contracts	....			26,635,869 53

Agreements.

	ESTIMATE.	CONTRACTOR.		
Shaft 11C, Section 5	Final.	Brown, Howard & Co	$5,000 00	
" 12C, " 6	"	O'Brien & Clark	5,000 00	
" 16½, " 8	"	"	5,000 00	
" 18½, " 9	"	"	5,000 00	
" 19½, " B	"	Heman Clark	5,000 00	
" 17½, " 8	"	Thomas O'Hern	2,222 12	
Culvert at Shaft 19, Section 9	"	O'Brien & Clark	4,893 74	
" 20, " B	"	Heman Clark	2,932 05	
" 23, " A	"	O'Brien & Clark	3,208 86	
Crib dock, near Shaft 25, Section 12	"	Charles Peterson	3,694 60	
Ironwork—For Saw Mill River Blow-off, etc., Section 7	"	Coldwell, Wilcox & Co	1,962 57	
Ironwork—For Pocantico Blow-off, etc., Section 4	"	"	144 11	
Ironwork—For Tibbett's Brook Blow-off, etc., Section 9	"	"	144 11	
Ironwork—For lining Shafts 22 to 24, Section A	"	"	3,463 43	
Ironwork—For lining Shaft 20, Section B	"	"	2,663 28	
Ironwork—For lining Shaft 28, Section 13	"	"	2,315 02	
Ironwork—For lining Shaft 29, Section 14	"	"	2,358 57	

	Estimate.	Contractor.		
Cast and wrought iron ladders for shafts, Sections 1 to 9 and B and A	Final.	Coldwell, Wilcox & Co	$2,824 25	
Roof, iron floor plates, etc., at Ardsley Gate-house, Section 7	"	"	3,326 70	
Cast-iron special pipe lining and manhole covers, etc., Shaft 24, Section A	"	"	4,931 19	
Filling low ground, Shaft Site No. 12, Section 6	"	O'Brien & Clark	4,910 00	
Cave-in, Shaft 13, Section 7	"	"	5,000 00	
Laying 20" pipe along the incline adjacent to Shaft 24, Section A	"	"	2,895 83	
Grouting near Shaft 17½, on Section 8	"	"	4,427 50	
Grouting, Stations 778+00 and 779+30, Section 7	"	"	1,075 00	
Grouting on Section 13	"	Rogers, Shanly & Co	5,000 00	
Grouting near Shaft 30	"	Breuchaud, Pennell & Co	2,900 93	
Lining Shaft 24, Section 8	"	The McNeil Pipe and Foundry Co	987 32	
Highway, trestle-work and bridges at Croton Dam, Section 1	"	Smith & Brown	4,500 00	
Sodding the South Yonkers embankment on Section 9	"	Rider & Dougherty	1,575 57	
Taking down and enlarging top of Shaft 11C, Section 5	"	C. L. Kalmbach	2,917 32	
Walls, foundations, etc., near blow-off chamber, Shaft 25, Section 12	"	Charles Peterson	2,233 12	
Frame head-house and engine-room at Shaft 25, Section 12	"	"	3,690 00	
Frame boiler-house and coal-bin at Shaft 25, Section 12	"	"	3,635 00	
9" anti-friction pump and improved turbine wheel, etc., Croton Dam Gate-house, Section 1	"	Joseph Edwards & Co	2,135 00	
6 2' x 5' sluice-gates at Bog Brook and Sodom Dams	"	John Fox	4,200 00	
Pivot gate, Bog Brook Dams 1 and 2	"	Coldwell, Wilcox & Co	2,445 00	
Finishing Shaft 21	"	William H. Baker	1,660 81	
Fence at Shaft 24	"	Francis V. Smith	865 24	
Sodding, soiling and seeding slope and adjacent grounds at Shaft 24	"	John Twiname	900 90	
2 2' x 10' sluice-gates at Bog Brook Tunnel Gate-house	"	John Fox	2,750 00	
Two-story and attic frame office building	"	John Schlachter	4,650 00	
Bridge across Saw Mill river, near Shaft 12	"	Daniel Carpenter	816 50	
Cutting timber and clearing grounds at Reservoir "M," Purdy's Station	"	John L. Merritt	3,448 00	
Highway Bridge at Salem Centre, Reservoir "M"	"	The Berlin Iron Bridge Co	673 00	
Highway Bridge at Carmel, N. Y.	"	"	1,122 00	
Clearing grounds at Reservoir "M," near Purdy's Station N. Y.	"	William Gilmour	1,150 00	
Furnishing cast-iron pipe—special castings	"	Coldwell-Wilcox Co	1,224 67	
Cutting timber and clearing grounds at Reservoir "D"	"	John Flanagan	1,013 33	
				$104,886

Bailing, pumping and taking care of water on Section A	$1,669 73	
Pumping water in iron pipes, Section 12	6,063 65	
Pumping water in iron pipes, Section 13	5,405 00	
Pumping water in iron pipes, Section 14	7,935 00	
Iron pipe laid in tunnel, Section A	4,615 76	
Iron pipe laid in tunnel, Section B	980 50	
48-inch pipes at Shaft 11B	327 50	
48-inch stop-cock valves	4,500 00	
Ironwork, etc.—		
At shafts	21,786 07	
For gate-houses and blow-offs	20,526 50	
For dams	11,668 10	
Timber work, etc., at shafts and gate-houses	19,901 71	
Explorations under the Harlem river	4,384 26	
Experimental section in concrete, at Shaft 18	185 25	
Extra work, etc., on Section 1	4,616 03	
Extra work, etc., on Section 6	42 70	
Extra work, etc , on Section 12	171 35	
Extra work, etc., on Section 14	696 21	
Extra work, etc., on Section 15	89 32	
Extra work, etc., on Section 16	668 98	
Extra work, etc., enlarging Shaft 11C	147 81	
Extra work, etc., on the Pocantico Gate-house	287 44	
Extra work, etc., on the eleven head-houses	325 64	
Extra work, etc., grading, improving and fencing grounds, One Hundred and Thirty-fifth Street Gate-house	256 73	
Extra work, etc., on Dams Nos. 1 and 2	444 31	
Extra work, etc., on blow-offs, etc., Shaft 24	615 24	
Extra work, etc., repairing roof, New Croton Gate-house	111 82	
Extra work, etc., head-house, Shaft 25	305 28	
Extra work, etc., Purdy's Dam	184 05	
Extra work, etc., grading, improving and fencing ground at several of the shafts	749 01	
Extra work, etc., on two-story frame-attic office building, New Croton Dam	235 45	
Extra work, etc., on gate-house superstructure at Croton Dam	288 20	
		$120,182 60
Additional work, Section 9	$49 37	
Additional work, Section 12	65 73	
Additional work, Section A	1,609 56	
Additional work, East Branch Reservoir Dam	2,250 08	
Additional work, Dams Nos. 1 and 2	480 06	
Additional work, earth and masonry dam, Reservoir "M"	1,339 53	
Additional work, highways or roads, etc., at East Branch and Bog Brook Reservoirs	3,095 00	

Additional work, Shaft 21	$95 85	
Additional work, two brick engine-houses	911 75	
Additional work, iron-lined masonry Aqueduct, near Shaft 30	2,000 00	
Additional work, grubbing and clearing grounds, Shaft 24	40 70	
Additional work, Shafts Nos. 15½ and 16	43 50	
Additional work, construction of New Croton Dam Gate-house	2,051 58	
Removing solid rock in Harlem river, near Shaft 25	701 03	
Grading, etc., trenches, Quaker Bridge Dam site	150 00	
Grading and finishing the grounds adjacent Shaft 19⅝	125 00	
Surveys and topographical map, Croton Watershed	7,000 00	
Soundings south of One Hundred and Thirty-fifth street	931 18	
Sinking Test Pits—		
Titicus river and Reservoir "D" dam sites	540 35	
Cornell Dam sites	63 56	
Hoisting-engines for shafts	1,700 00	
Coating interior of Aqueduct with cement	8,384 37	
Telephone line	4,995 62	
Preparing, pumping, etc., inverted siphon, sections	2,643 91	
Preparing the Aqueduct for permanent use	211 66	
Iron bridge on the East Branch of the Croton river	2,145 00	
Fencing around reservoirs, shaft-sites, etc.	2,020 43	
Drain in One Hundred and Sixty-seventh street and Amsterdam avenue	906 00	
Repairs, Janitor's house, New Croton Dam	47 42	
Furnishing cast-iron pipes, special castings, etc	1,392 55	
12-inch cast-iron water-pipe—Water supply, Sing Sing Prison	1,419 93	
		$49,410 72
Commissioners of Appraisal—Awards.		
Twenty-fourth Ward	$163,090 47	
Manhattan Island Section	802,230 93	
Westchester County	435,088 62	
Putnam County Section	504,249 50	
		1,904,659 52
Commissioners of Appraisal.		
City and County of New York	$106,455 62	
Westchester County	494,193 14	
Manhattan Island Section	79,631 39	
Putnam County Section	145,127 22	
		825,407 37
Total expenditures		$29,676,416 38

Cr.		
Additional Water Stock	$29,095,000 00	
Premium account	607,168 70	
Additional Water Fund—"Miscellaneous"	20,071 66	
Total receipts	.....	$29,722,240 36
Balance, Comptroller's account	.....	$45,823 98

Statement of Receipts and Expenditures of the Aqueduct Commissioners, June 30, 1895.

RECEIPTS.			
From Bonds Issued—			
Amount of bonds	$29,095,000 00		
Premiums on same	607,168 70		
From proceeds of miscellaneous sales, etc	20,071 66		
Total receipts		$29,722,240 36	
EXPENDITURES.			
Vouchers, pay-rolls, etc	$3,884,334 22		
Contracts, agreements, etc	22,990,252 20		
Land and land damages	65,763 07		
Commissioners of Appraisal—			
Awards	1,904,659 52		
Fees of Counsels, Commissioners, etc	825,407 37		
Total expenditures		29,676,416 38	
Balance, Comptroller's account		.....	$45,823 98

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10444 to 10469, inclusive, amounting to $5,632,82, and of estimates contained in Vouchers Nos. 10470 to 10475, inclusive, amounting to $39,335.61 ; also of bills contained in Vouchers Nos. 10478 to 10490, inclusive, amounting to $391, and in Vouchers Nos. 10492 to 10496, inclusive, amounting to $259.62.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The following was received from the Acting Counsel to the Corporation:

LAW DEPARTMENT, OFFICE OF THE COUNSEL TO THE CORPORATION,
NEW YORK, August 23, 1895.

Isaac H. Terrell
vs.
William L. Strong, Mayor, James C. Duane and others, Aqueduct Commissioners, etc.

Hon. JAMES C. DUANE, *President.*

SIR—In the suit entitled as above a temporary injunction was granted restraining the City authorities from making a contract with John B. McDonald, or with any one else, for the building and construction of Jerome Park Reservoir, and an order was also granted requiring the defendants to show cause why the injunction should not be continued during the pendency of the action.

The motion to continue the injunction was argued before Mr. Justice O'Brien, who has decided against the plaintiff.

An order denying the motion to continue the injunction and vacating the temporary injunction has been entered, so that the suit no longer interferes with any action which the Aqueduct Commissioners may desire to take in regard to the letting of the contract for the building of the reservoir. Very respectfully,

WM. L. TURNER, Acting Counsel to the Corporation.

—together with the following opinion:

SUPREME COURT.

Isaac H. Terrell
against
William L. Strong, Mayor, etc., and others, Aqueduct Commissioners.

O'Brien, J.:

Plaintiff, as a taxpayer, brings this action to obtain a judgment preventing waste and injury to the City funds.

It appears that the Aqueduct Commissioners advertised for sealed bids or proposals for the construction and building of a reservoir at Jerome Park. That among a number of other bids received were those from John O'Brien for $5,297,370, and John B. McDonald for $5,472,080. That O'Brien's bid is $174,710 less than McDonald's, and was the lowest bid made for the work. The estimate of the Chief Engineer was $5,882,690.

It is alleged that the Commissioners not only arbitrarily and wrongfully refused to award the contract to O'Brien but wrongfully awarded it to McDonald, and that their action was influenced by unlawful means and against the interests of the City. That such award was fraudulently made for the benefit of a favored bidder. That the giving of $174,710 more than they could procure the work to be done for is a waste of public funds.

If these charges were sustained, then undoubtedly the Court would enjoin the making of the contract with McDonald. I have looked in vain for any evidence to sustain the charges that the Commissioners acted "fraudulently" or were influenced by "unlawful means," nor do I think that plaintiff seriously contends that there are any facts upon which such conclusions can be supported.

Without spending time on these, we find that the greatest stress is laid upon the claim of favoritism for McDonald, and prejudice against O'Brien. Apart from the fact that the contract was awarded him, there is no evidence of partiality or favoritism towards McDonald.

The charge of prejudice which it is said one of the Commissioners had against O'Brien, is supported by the latter's statement that third persons told him that one of the Commissioners had expressed a prejudice. These persons deny that they made such statements to O'Brien, and we have the affidavit of the Commissioner accused, which asserts that he never made such statements and never entertained such prejudice. It is to be noted that such Commissioner did not vote to award the contract to McDonald, and did not succeed in getting his associates to vote with him in the favor of the contractor whom he regarded as the best. Even if he entertained such prejudice it is quite evident that this Commissioner had no such controlling influence over his associates as to prevent their asserting their individual wills and judgments.

These men, for character and ability, have been selected to conduct a great public work, and it would be a serious reflection on the independence and competency of the entire Commission and justly subject them to removal, if it could be shown that they permitted themselves to be improperly swayed and controlled by one of their number. That they were not so influenced is clearly apparent from the fact already stated, that the Commissioner whom it is suggested had such influence, stood alone on the final vote, making the award to McDonald.

The absence of the Mayor and the failure to properly notify him of the meeting at which the award was made, is claimed to be fatal to the award.

The by-laws of the Aqueduct Commission provide that the regular meetings shall take place on Wednesdays, and that no other notice of the meeting shall be required.

It appears, moreover, that the Mayor, from the beginning of the year, did not attend any of the meetings of the Commission, nor was his presence necessary for the transaction of business, for, at common law and by the Revised Statutes (2 R. S., 555, sec. 27, as amended by Laws 1874, ch. 321), the rule is the same as is provided by section 46 of the Consolidation Act, "that a majority of the members of a board * * * shall constitute a quorum to fully perform and discharge any act or duty * * * with the same legal effect as if every member of any such board had been present."

Here a notice of the meeting was sent to the Mayor's office during his absence from the city.

As shown, even if no notice was sent at all, this would not invalidate the action taken by the other Commissioners at a meeting regularly held and at which a quorum was present.

This brings us to the real and only serious question, based on the contention that the award as made is a waste of public funds.

At first blush it would seem as though the Court should require some satisfactory explanation before it would sanction a transaction in which $175,000 of public funds were seemingly unnecessarily expended for a public work.

The extent to which the court can go in interfering with these Commissioners must depend upon the statutes creating them, construed in the light of controlling decisions.

By chapter 490, Laws 1883, section 28, it is provided that after the bids or proposals shall have been opened the Commissioners "may select the bid or proposal, the acceptance of which will, in their judgment, best secure the efficient performance of the work or they may reject any or all such bids."

And section 30 reads: "No contract shall take effect until the Commissioners or a majority of them shall certify thereon in writing that its acceptance will, in their judgment, best secure the public interest and efficient performance of the work therein mentioned."

Here the statute does not require the Commissioners to award the contract to the lowest bidder, and those who voted in awarding the contract swear that the acceptance of McDonald's bid will, in their judgment, "best secure the public interest and efficient performance of the work."

This Aqueduct Act has been construed in at least two cases in this court. In the case of Jacob Ebling against the Aqueduct Commissioners where, singularly enough, the plaintiff there sought on much the same grounds as are here present to prevent the award of a contract to O'Brien &

Clark on the ground that their bid was not the lowest and that they were favored contractors, Mr. Justice Barrett, in denying the motion for a preliminary injunction, among other things, said:

"The law permits the Commissioners to reject all the bids which may be presented to them. It also permits them to accept whatever bid they think will produce the greatest efficiency in the performance of the work. That is the legislative policy upon which this particular public work is being constructed.

"We have no power, sitting as a Court of Equity, to limit the range of selection on the part of these Commissioners * * * *.

"The difficulty here, as I said before, is that the Legislature has given a wide discretion to these Commissioners. The usual policy of the law has been abandoned, namely, that the work should be given to the lowest bidder. It the Commissioners think that the giving of the work to one who is not the lowest bidder will insure efficiency, they have the power to give it to him."

And in speaking of what should appear to justify the Court's interference, he continues: "That the work was given to one who is not the lowest bidder fraudulently or upon some corrupt understanding."

This and other cases that might be cited show that a Court of Equity has no right to interfere with and control the exercise of the discretionary power vested in a public body, such as the Aqueduct Commission. Undoubtedly it will interfere when necessary to prevent fraud, injustice or the violation of a trust, and whenever it is shown that those in whom the discretion is vested are prepared illegally or corruptly to trample upon rights or sacrifice interests entrusted to their care, then the Courts will interfere to prevent the consummation of a fraud.

The law presumes honesty rather than fraud and it will not, in the absence of proof, conclude that a discretion vested in a public body is being fraudulenty exercised. Here we have charges of illegality and fraud, but these are mere conclusions unsupported by a single fact other than the one that there is a lower bidder than the one to whom the contract is to be awarded. If this were enough, then the law, which expressly permits the Commissioners to select any bidder, whether the lowest or not, would be nullified.

I have been referred to many cases by plaintiff's counsel, amongst them Winkler vs. Summers, 22 Abb. N. C., 84, affirmed in 51 Hun, 636. That arose under the charter of Buffalo. It gave the Common Council power to purchase lands for school and other purposes. The Common Council, after examining various preferred sites, selected one which the owner offered to sell for $11,000, and at which sum the Council directed the Comptroller to purchase.

Upon an application for an injunction to restrain the sale, it was shown that the property was not worth more than $8,000, and that no effort to obtain the property at its real value was made. Injunctive relief was therein awarded, on the ground that it involved "an appropriation of a large sum of money belonging to the public, for which no equivalent was to be received by the city."

The distinction between that case and the one at bar is apparent. Here the bid of McDonald is less than the Engineer's estimate, and whether his or O'Brien's bid be selected, it can hardly be claimed at this time that the city will not receive an equivalent.

It is impossible now to determine whether the Engineer of the Commission or the contractors are right in their estimates, and this is made clear when we recall that the bids made by the various contractors for this work vary from a little over five millions to over thirteen millions of dollars.

The Legislature left the determination of the persons who should do the work and the price they should receive to the judgment and discretion of the Commissioners, and it has never been held, even though they erred or were mistaken, that a court could substitute its own for the judgment and discretion of the Commissioners. I have attempted already to point out what are the limitations to the general rule that a court of equity has no right to interfere with and control the exercise of discretionary power vested in a public body. But I might well have rested my

conclusion upon Judge Bartlett's reasoning in the case cited and the well-considered case in the General Term, Second Department, recently decided, of Adamson vs. The Nassau E. R. R. Co.

There the Common Council of Brooklyn awarded a franchise for a street railway to the defendant though they had a higher offer from another company of many thousand dollars for the same franchise.

In reversing the injunction order, the Court, among other things, said :

"It would be a very narrow view of the powers and duties of municipal officers that would confine their exercise to the aggrandizement of the local treasury. Financial considerations are not alone to control in granting permission to prosecute the various enterprises conducted by individuals and private corporarions within the municipality."

And, in speaking of the statutes which gave a right of action in favor of taxpayers, reference is made to the case of Tolcot vs. City of Buffalo, 125 N. Y., 286, wherein it was said :

"The terms 'waste' and 'injury,' used in this statute, comprehend only illegal, wrongful or dishonest official acts, and were not intended to subject the official action of boards, officers or municipal bodies acting within the limits of their jurisdiction and discretion, but which some taxpayer might conceive to be unwise, improvident, or based on errors of judgment, to the supervision of the judicial tribunals."

"It is believed that no action was ever maintained under that statute, with the sanction of this court, without some proof or allegation that the official act or proceeding complained of was without power, or was tainted by corruption or fraud."

I deem it unnecessary to quote further from that case, or to multiply authorities, as it seems reasonably free from doubt, upon the facts here appearing, that the court would not be justified in interfering with the Commissioners.

Motion for an injunction is accordingly denied.

On motion of Commissioner Cannon, the same were ordered spread on the minutes and filed.

On motion of the Commissioner of Public Works, the following resolution was adopted :

Resolved, That the contract for building the Jerome Park Reservoir. near Kingsbridge, in the Twenty-fourth Ward of the City of New York, heretofore awarded to John B. McDonald, be executed and delivered by the proper officers.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, August 28, 1895, at 3 o'clock P. M.

Present—The Commissioner of Public Works and Commissioners Duane, Tucker and Cannon.

The Construction or Executive Committee recommended the adoption of the following resolution:

Resolved, That the action of the Chief Engineer in granting a leave of absence, without pay, to Axeman Robert H. Jacobs for one month, beginning August 25, 1895, be and hereby is approved.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That the action of the Chief Engineer in reassigning to duty, on May 27, 1895, Assistant Engineer Frank N. Speyer, on leave of absence without pay, be and hereby is approved.

On motion of Commissioner Tucker, the same was adopted.

The Committee presented the following:

NEW YORK, August 14, 1895.

To the Honorable the Committee on Construction:

GENTLEMEN—In addition to my last report as regards the condition of Contractor Nolan's work near Carmel, I desire to submit for your information a copy of a letter received from Division Engineer Craven, which does not seem to leave any doubt of the abandonment of the work by said Nolan.

CARMEL, N. Y., August 7, 1895.

Mr. A. FTELEY, *Chief Engineer:*

DEAR SIR—I have to inform you that all work was stopped on the highway contract of William E. Nolan on Saturday afternoon last (August 3). I consider, as far as I can see, that the work has been abandoned by Nolan. He has not been seen about here since July 3, and after diligent inquiry, I have failed to learn of his whereabouts. It is a matter of common report, how-

ever, that he has left his home in Sing Sing, and is not to be found. I can look at it in no other way than as an absolute abandonment of his work.

Respectfully, (Signed,) ALFRED CRAVEN, Division Engineer.

Yours, respectfully,

A. FTELEY, Chief Engineer.

And recommended the adoption of the following preambles and resolution :

Whereas, The Aqueduct Commissioners, on May 13, 1895, entered into a contract with William E. Nolan for constructing a highway or road and its appurtenances, etc., crossing the east branch of Reservoir " D," in the Town of Kent, Putnam County, New York ; and

Whereas, A portion of said work has already been done ; and it appearing from the reports of the Chief Engineer and Division Engineer Alfred Craven that said Nolan has abandoned his said contract ; therefore,

Resolved, That, in accordance with the provisions of section 28 of chapter 490 of the Laws of 1883 of the State of New York, the President and Secretary be and they hereby are authorized and directed to publish in the CITY RECORD, "New York Tribune" and "The Evening Post," a notice and advertisement for sealed bids or proposals for completing the work remaining to be done under said contract.

The same was adopted by the following vote :

Affirmative—The Commissioner of Public Works, and Commissioners Duane, Tucker and Cannon—4.

The Committee also recommended the adoption of the following resolution :

Resolved, That the Civil Service Board be and hereby is requested to submit to the Aqueduct Commissioners an eligible list from which to select a person to fill a vacancy in the Engineer Corps of the Commissioners caused by the resignation of Axeman E. D. Buell.

On motion of Commissioner Tucker, the same was adopted.

The Committee presented the following communication, received from the Chief Engineer :

NEW YORK, August 28, 1895.

To the Honorable the Committee on Construction :

GENTLEMEN—This is to inform you that in pursuance of the verbal statement of the Acting Counsel to the Corporation, of August 23, when the contract for the Jerome Park Reservoir was executed, to the effect that all formalities had been complied with and that the Aqueduct Commissioners could proceed with the work, I have conferred with Mr. John B. McDonald, the contractor for the work, and have given him my first instructions for the carrying out of the work.

Yours respectfully, A. FTELEY, Chief Engineer.

On motion of Commissioner Cannon, the same was ordered spread upon the minutes and filed.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in reassigning to duty the following men, formerly employed for the borings in Jerome Park Reservoir, on the dates and at the rates of compensation hereinafter named, be and hereby is approved :

Walter J. Sager, Foreman, August 7, 1895, $125 per month.
George A. Hammond, First Helper, August 13, 1895, $75 per month.
Michael Tierney, Laborer, August 10, 1895, $65 per month.
Stephen Washburn, Laborer, August 12, 1895, $65 per month.

On motion of Commissioner Cannon, the same was adopted.

A communication was received from John Cameron giving notice that an action had been commenced by him in the Supreme Court against John Flanagan and William J. Flanagan, for work done under their contract for building highways at Reservoir "D," in the town of Carmel, Putnam County, New York, amounting to $375.91.

On motion of Commissioner Cannon, the same was ordered filed.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10,505 to 10,520, inclusive, amounting to $1,350.48.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

NOTE—On Wednesday, September 4, 1895, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

NOTE—On Wednesday, September 11, 1895, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Special Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Friday, September 13, 1895, at 3 o'clock P. M.

Present—The Commissioner of Public Works and Commissioners Duane, Tucker and Cannon.

The Construction or Executive Committee report:

That at their meeting, held this day, the following resolution was adopted, and they now ask your approval of their action:

Resolved, That the bid-box be closed and the keys given to the President, and that the Secretary be authorized by this Commission to receive the bids for constructing new highways and their appurtenances, fences, etc. (Line No. 1 and Line No. 4), in the Town of Cortlandt, Westchester County, New York, and for completing a highway or road and its appurtenances, etc., crossing the East Branch of Reservoir "D," in the Town of Kent, Putnam County, New York, as called for in the approved forms of contracts and specifications on file in the office of the Aqueduct Commissioners, and also to receive the checks of the bidders and to make the necessary preparations for opening the bids received for doing said work under the law.

On motion of Commissioner Cannon, the action of the Committee was approved.

Pursuant to the following notice, published daily for fifteen consecutive days, commencing with August 27, 1895, in the CITY RECORD, the New York "Herald" and the New York "Times," bids were received for constructing new highways and their appurtenances, fences, etc. (Line No. 1 and Line No. 4), in the Town of Cortlandt, Westchester County, New York:

AQUEDUCT COMMISSIONERS' OFFICE, ROOM 209, STEWART BUILDING, No. 280 BROADWAY,
NEW YORK, August 27, 1895.

To Contractors:

Bids or proposals for doing the work and furnishing the materials called for in the approved forms of contract now on file in the office of the Aqueduct Commissioners, for constructing New Highways and their Appurtenances, Fences, etc. (Line No. 1 and Line No. 4), in the Town of Cortlandt, Westchester County, New York, will be received at this office until Friday, September 13, 1895, at 3 o'clock P. M., and they will be publicly opened by the Aqueduct Commissioners as soon thereafter as possible, and the award of the contract for doing said work and furnishing said materials will be made by said Commissioners as soon thereafter as practicable.

Blank forms of said appoved contract and the specifications thereof, and bids or proposals and proper envelopes for their inclosure, form of bonds and all other information, can be obtained at the above office of the Aqueduct Commissioners on application to the Secretary.

By order of the Aqueduct Commissioners.

JAMES C. DUANE, President.

EDWARD L. ALLEN, Secretary.

The following bids received for constructing new highways and their appurtenances, fences, etc. (Line No. 1 and Line No. 4), in the Town of Cortlandt, Westchester County, New York, upon which the required deposits had been made, were then opened and read aloud by the Secretary :

1. Richard Dooley	$17,220 00
2. Byron & Flanagan	21,150 00
3. Creedon & Lander	19,688 10
4. P. F. Curran	16,925 00
5. John Twiname	16,735 00

Whereupon, on motion of Commissioner Cannon, the following preamble and resolution was adopted :

Whereas, Bids for constructing new highways and their appurtenances, fences, etc. (Line No. 1 and Line No. 4), in the Town of Cortlandt, Westchester County, New York, having been received and publicly opened and read ; therefore

Resolved, That the Chief Engineer is hereby directed to have said bids calculated and tabulated and submit the same, together with his estimate of the work, at a meeting of the Construction or Executive Committee of the Aqueduct Commissioners, to be held this day, for consideration and canvassing by them, and the bids and checks of the bidders so received are hereby referred to the Committee of Finance and Audit for examination and report to the Commissioners as to their formality and the sufficiency of the sureties proposed by the bidders.

The following communication was received from the Chief Engineer :

NEW YORK, September 13, 1895.

To the Honorable the Aqueduct Commissioners :

GENTLEMEN—I hand you herewith my itemized estimate of the cost of the work to be done on "Constructing New Highways and their Appurtenances, Fences, etc. (Line No. 1 and Line No. 4), in the Town of Cortlandt, Westchester County, New York," amounting to $20,425.

Yours respectfully, A. FTELEY, Chief Engineer.

On motion of Commissioner Cannon, the same was ordered spread upon the minutes and filed.

The Construction or Executive Committee presented the following communication, received from the Chief Engineer :

NEW YORK, September 11, 1895.

To the Honorable the Committee on Construction :

GENTLEMEN—On July 17, 1895, you accepted the bid of Oscar Miersch for doing certain work in filling old cellars, etc., at Reservoir "M."

There is some work to be done on the new roads, consisting of resurfacing a portion of them, and inasmuch as they have not been as yet transferred to the City authorities, I would ask you for authority to include that work in Miersch's contract. The work to be done will not exceed $500.

Yours respectfully, A. FTELEY, Chief Engineer.

And recommended the adoption of the following resolution :

Resolved, That the Chief Engineer be and hereby is authorized to include within the work now being done by Oscar Miersch in filling old cellars, etc., at Reservoir "M," the work of resurfacing a portion of the new roads at Reservoir "M," as above set forth.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due the Town of Carmel, Putnam County-New York, for the years 1891, 1892, 1893 and 1894, amounting in all to one thousand and twenty, nine dollars and twenty cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also presented the following communication, received from the Chief Engineer :

NEW YORK, September 11, 1895.

To the Honorable the Committee on Construction :

GENTLEMEN—The special pay-roll lately presented to you in regard to the compensation of Assistant Engineer F. N. Speyer reported his time to July 6, 1895. This is to report that his temporary reassignment to duty was ended on that day.

Yours respectfully, A. FTELEY, Chief Engineer.

—and recommended that the same be spread upon the minutes and filed.

On motion of Commissioner Tucker, the recommendation was approved.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment, viz. :

1st. Of Washburn, Shaler & Washburn, for materials and labor in laying 24-inch pipe at Titicus Dam, amounting to $47.09.

2d. Of Seth Hoyt, for cleaning privy at Katonah, amounting to $5.

3d. Of Coffin Valve Company, for drawings of screens for Croton Dam Gate House, amounting to $50.

4th. Of D. W. Gilbert, for services as veterinary surgeon, amounting to $10.

5th. Of Julius Bien & Co., for one Atlas of the State of New York, amounting to $30.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bill of Assistant Engineer F. N. Speyer for traveling expenses, board, etc., amounting to seventy-nine

dollars and thirty-five cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bills of Smith, Brown & Coleman for extra work done in the construction of the New Croton Gate House, amounting to three hundred and thirty-three dollars and thirteen cents ($333.13), are hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolutions:

Resolved, That the following preamble and resolution, adopted on August 23, 1895, be and hereby is rescinded:

"Whereas, The claim of Thomas Loftus for back-pay for work done in the year 1889, amounting to sixteen dollars ($16), having been referred to the Comptroller, and he having notified the Aqueduct Commissioners that no objection will be raised by him to the payment of said claim, and it appearing to the satisfaction of the Aqueduct Commissioners that said claim is for work actually performed but never paid for; therefore

"Resolved, That the claim of said Thomas Loftus be approved and the same certified to the Comptroller for payment."

Resolved, That the claim of Thomas Loftus for work done in the year 1889, but never paid for, amounting to sixteen dollars ($16), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Cannon, the same were adopted.

The following was received from the Board of Estimate and Apportionment:

"Resolved, That the Comptroller be and hereby is authorized to pay the rent of Rooms Nos. 206, 207, 209, 211, 213, 214, 215, 216 and 217, in the Stewart Building, occupied and used as offices by the Aqueduct Commission, from May 1, 1895, to May 1, 1896, at the same rate as under the former lease, viz.: Ten thousand two hundred dollars ($10,200) per annum.

"A true copy of resolution adopted by the Board of Estimate and Apportionment August 30, 1895.

CHAS. V. ADEE, Clerk."

On motion of Commissioner Cannon, the same was ordered spread upon the minutes and filed.

A report was received from the Secretary stating that the sum of $35 had been received by him from Division Engineer Craven, being net proceeds of sale of fruit, etc., at Reservoir "M," and that said amount had been transmitted to the City Chamberlain for the credit of the "Additional Water Fund," and his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

A report was also received from the Secretary stating that the sum of $110 had been transmitted by him to the City Chamberlain, for the credit of the "Additional Water Fund," being proceeds of sale of reports of the Aqueduct Commissioners (1887–1895), and his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

A report was also received from the Secretary, stating that the sum of $10 had been transmitted by him to the City Chamberlain, for the credit of the "Additional Water Fund," being proceeds of sale of one contract drawing for building the Jerome Park Reservoir, near Kingsbridge, in the Twenty-fourth Ward of the City of New York, and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

The Secretary gave notice of the filing of the following liens against William E. Nolan, contractor:

James H. Nichols, amounting to $10.42; John Twiname, Jr., amounting to $248.17; A. C. Colwell, amounting to $115.

On motion of Commissioner Tucker, the same were ordered filed.

The Committee on Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10524 to 10529 inclusive, amounting to $1,295.93, and of estimates contained in Vouchers Nos. 10530 to 10533 inclusive, amounting to $37,534.42.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Cannon a recess was then taken.

Upon resuming the meeting there were present: The Commissioner of Public Works and Commissioners Duane, Tucker and Cannon.

The Committee of Finance and Audit submitted the following:

The Committee of Finance and Audit report that they have examined the bids and checks received this day for constructing new highways and their appurtenances, fences, etc. (Line No. 1 and Line No. 4), in the Town of Cortlandt, Westchester County, New York.

The checks, amounting to $5,000, were correct and were transmitted to the Comptroller, and his receipt therefor is on file. The bids were found correct as to their formality, and the sureties proposed appear to be sufficient.

On motion of Commissioner Tucker, the same was ordered spread upon the minutes and filed.

The Construction or Executive Committee presented the following communication, received from the Chief Engineer, and recommended that the same be spread upon the minutes and filed:

NEW YORK, September 13, 1895.

To the Honorable the Committee on Construction:

GENTLEMEN—In accordance with your resolution of this date, I submit herewith the tabulated results of the bids received for the "Construction of New Highways (Lines Nos. 1 and 4), in the Town of Cortlandt, Westchester County, New York."

The bids received are as follows:

Name of Bidder.	Amount of Bid.
John Twiname	$16,735 00
P. F. Curran	16,925 00
Richard Dooley	17,220 00
Creedon & Lander	19,688 10
Byron & Flanagan	21,150 00

My estimate of the cost of the work, as per my communication of this date, was $20,425.

Yours respectfully, A. FTELEY, Chief Engineer.

On motion of Commissioner Cannon, the recommendation was approved.

The Committee also recommended the adoption of the following resolution:

Resolved, That the contract for constructing new highways and their appurtenances, fences, etc. (Line No. 1 and Line No. 4), in the Town of Cortlandt, Westchester County, New York, be and hereby is awarded to John Twiname at his bid of sixteen thousand seven hundred and thirty-five dollars ($16,735), it being the lowest bid received and less than the estimate of the Chief Engineer.

The same was adopted by the following vote: Affirmative—The Commissioner of Public Works and Commissioners Duane, Tucker and Cannon—4.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

NOTE.—On Wednesday, September 18, 1895, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Special Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Monday, September 23, 1895, at 3.30 o'clock P. M.

Present—The Mayor, the Commissioner of Public Works, and Commissioners Duane and Tucker.

The Construction or Executive Committee recommended the adoption of the following preamble and resolution :

Whereas, In the opinion of the Aqueduct Commissioners, the further sum of five hundred thousand dollars will be required to defray the necessary and lawful current expenditures of said Commissioners ; now, therefore, be it

Resolved, That the Comptroller of the City of New York be and he is hereby requested to raise the sum of five hundred thousand dollars upon bonds of the City of New York, in conformity with the requirements of section 32, chapter 490, Laws of 1883 of the State of New York, for the uses and purposes of the Aqueduct Commissioners as set forth in said chapter and section of said law.

The same was adopted by the following vote :

Affirmative—The Mayor, the Commissioner of Public Works, and Commissioners Duane and Tucker—4.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due School District No. 2, Town of North Salem, Westchester County, New York, for the year 1895, amounting to ninety-four dollars and thirty-five cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due School District No. 6, Town of North Salem, Westchester County, New York, for the year 1895, amounting to one hundred and twenty-

one dollars and ninety-nine cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due School District No. 5, Town of Greenburgh, Westchester County, New York, for the year 1895, amounting to eight dollars and sixty-six cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due School District No. 6, Towns of Ossining and Mount Pleasant, Westchester County, New York, for the year 1895, amounting to one dollar and forty cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

NOTE—On Wednesday, September 25, 1895, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, October 2, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

In pursuance to the following notice, published daily for fifteen consecutive days, commencing with August 31, 1895, in the CITY RECORD, "The New York Tribune," and "The Evening Post," bids were received for completing a highway or road and its appurtenances, etc., crossing the east branch of Reservoir "D," in the Town of Kent, Putnam County, New York:

AQUEDUCT COMMISSIONERS' OFFICE, ROOM 209, STEWART BUILDING, NO. 280 BROADWAY, NEW YORK, August 31, 1895.

To Contractors.

Bids or proposals for doing the work and furnishing the materials called for in the approved forms of contract now on file in the office of the Aqueduct Commissioners, for completing a highway or road and its appurtenances, etc., crossing the east branch of Reservoir "D," in the Town of Kent, Putnam County, New York, will be received at this office until Wednesday, September 18, 1895, at 3 o'clock, P. M., and they will be publicly opened by the Aqueduct Commissioners as soon thereafter as possible, and the award of the contract for doing said work and furnishing said materials will be made by said Commissioners as soon thereafter as practicable.

Blank forms of said approved contract and the specifications thereof, and bids or proposals and proper envelopes for their inclosure, form of bonds and all other information, can be obtained at the above office of the Aqueduct Commissioners on application to the Secretary.

By order of the Aqueduct Commissioners.

JAMES C. DUANE, President.

EDWARD L. ALLEN, Secretary.

The following bids, received for doing said work, upon which the required deposits had been made, were then opened and read aloud by the Secretary:

1. Thomas F. McLaughlin	$16,534 50
2. Richard Dooley	13,073 75
3. John Flanagan	13,057 00
4. Creedon & Lander	12,918 50

5. Patrick F. Curran	$11,637 00
6. Peter J. Doherty	16,626 75

Whereupon, on motion of Commissioner Cannon, the following preamble and resolution was adopted:

Whereas, Bids for completing a highway or road and its appurtenances, etc., crossing the East Branch of Reservoir "D," in the Town of Kent, Putnam County, New York, having been received and publicly opened and read; therefore

Resolved, That the Chief Engineer is hereby directed to have said bids calculated and tabulated and submit the same, together with his estimate of the work, at a meeting of the Construction or Executive Committee of the Aqueduct Commissioners, to be held this day, for consideration and canvassing by them, and the bids and checks of the bidders so received are hereby referred to the Committee of Finance and Audit for examination and report to the Commissioners as to their formality and the sufficiency of the sureties proposed by the bidders.

On motion of Commissioner Cannon, a recess was then taken.

Upon resuming the meeting there were present:

Commissioners Duane, Tucker, Cannon and Green.

On motion of Commissioner Cannon, the resolution adopted at this meeting directing the Chief Engineer to have the bids received and opened for completing a highway or road and its appurtenances, etc., crossing the east branch of Reservoir "D," in the Town of Kent, Putnam County, New York, calculated and tabulated and submitted to the Construction or Executive Committee, together with his estimate of the work, and referring the bids and checks of the bidders to the Committee of Finance and audit for examination and report as to their formality and the sufficiency of the sureties proposed by the bidders, was amended so as to provide that the time of such submission and report shall be on October 9, 1895, at 2.45 o'clock P. M.

The Construction or Executive Committee presented the resignation of John F. Torpey, Axeman in the Engineer Corps, and recommended that the same be accepted to take effect as of September 16, 1895.

On motion of Commissioner Green, the recommendation was approved.

The Committee recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, an extension of time to November 1, 1895, is hereby granted to The Berlin Iron Bridge Company, in which to complete its agreement for furnishing and building one highway bridge superstructure, forty-nine feet ten inches span, to be erected at Cole's Mills, about two miles north of Carmel (Reservoir "D"), Putnam County, New York.

The same was adopted by the following vote:

Affirmative—Commissioners Duane, Tucker, Cannon and Green—4.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the sum of one hundred and sixty-five dollars be and hereby is appropriated to cover the cost of one "Comptometer," for use in the office of the Chief Engineer.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Cannon and Green—4.

The Committee presented the following communication, received from the Chief Engineer :

NEW YORK, October 2, 1895.

To the Honorable the Committee on Construction :

GENTLEMEN—Under your authority I have asked Mr. John Fox, of New York, and Messrs. Coldwell-Wilcox Company, of Newburgh, for a bid for the furnishing and placing of three sluice-gates with their hoisting apparatus, etc., for the Carmel Dams. Their bids are as follows :

John Fox	$2,500 00
Coldwell-Wilcox Company	3,947 00

These bids were based on the furnishing of steel screws for the hoisting apparatus, and I asked both bidders to state what the increase of their bids would be if bronze screws were substituted for those made of steel.

John Fox's additional bid is $180 and Coldwell-Wilcox Company's $200, making an alternate bid of $2,680 from John Fox and $4,147 from Coldwell-Wilcox Company.

Mr. John Fox being the lowest bidder in each case, I recommend that the work be given to him, leaving to the Engineer to decide whether bronze or steel will be used, as explained above. The bids are herewith submitted. Yours, respectfully,

A. FTELEY, Chief Engineer.

And recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the work of furnishing and placing three sluice gates, with their hoisting apparatus, etc., for the Carmel Dams, as above set forth, be and hereby is awarded to John Fox at his bid.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Cannon and Green—4.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due School District No. 3, Town of Cortlandt, Westchester County, New York, for the year 1895, amounting to sixty-seven dollars and ninety-four cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due School District No. 7, Town of Yorktown, Westchester County, New York, for the year 1895, amounting to four dollars and seventy-seven cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the resolution adopted on September 13, 1895, approving and certifying to the Comptroller for payment bill of Smith, Brown & Coleman, amounting to three hundred and thirty-three dollars and thirteen cents, be and hereby is amended so as to read three hundred and thirty-two dollars and eighty-three cents, instead of three hundred and thirty-three dollars and thirteen cents.

On motion of Commissioner Tucker, the same was adopted.

A communication was received from the Secretary reporting that the sum of $104.50 had been transmitted by him to the City Chamberlain, for the credit of the "Additional Water Fund," being proceeds of sale of reports of the Aqueduct Commissioners (1887–1895), and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

A communication was also received from the Secretary reporting that the sum of $380.33 had been received from Division Engineer Wegmann, being for rental of buildings owned by the City of New York and under the control of the Aqueduct Commissioners in the Villages of Katonah and Croton Falls, Westchester County, New York, for the month of September, 1895, and stating that said amount had been transmitted by him to the City Chamberlain, for the credit of the "Additional Water Fund," and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

The Comptroller, under date of August 31, 1895, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners for

Cornell Dam	$6,671 20
Jerome Park Reservoir	430 60
Reservoir "M"	4,135 26
Cornell Site Services	1,350 00
Croton Falls	1,830 00
Reservoir "M" (Second Section)	140 70

And stating that on August 6, 1895, bonds had been issued for the credit of the "Additional Water Fund," for $100,000, leaving a balance to the credit of said fund of $21,168.80.

Which was ordered entered upon the books of the Commissioners and filed.

The Secretary gave notice of the filing of liens by James Furnars, amounting to $544, and by Joseph Mandoni, amounting to $940, against William E. Nolan, contractor.

On motion of Commissioner Cannon, the same were ordered filed.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10546 to 10567 inclusive, amounting to $2,271.22.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, October 9, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon, and Green.

The Committee on Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10,568 to 10,583, inclusive, amounting to $592.70, and of estimates contained in Vouchers Nos. 10,584 to 10,586, inclusive, amounting to $42,607.09.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Committee also submitted the following :

The Committee of Finance and Audit report—

That they have examined the bids and checks received on October 2, 1895, for completing a highway or road and its appurtenances, etc., crossing the East Branch of Reservoir "D," in the town of Kent, Putnam County, New York.

The checks, amounting to $3.000, were correct, and were transmitted to the Comptroller, and his receipt therefor is on file.

The bids were found correct as to their formality and the sureties proposed appear to be sufficient.

On motion of Commissioner Tucker, the same was ordered filed.

The Construction or Executive Committee presented the following communication, received from the Chief Engineer :

NEW YORK, October 9, 1895.

To the Honorable the Committee on Construction :

GENTLEMEN—I submit herewith my tabulated report on the bids opened on October 2, 1895, for the completion of the construction of highway crossing East Branch of Reservoir "D."

The list of bidders, in the successive order of the amounts of the bids, is as follows:

No.	Name of Bidder.	Amount of Bid.
1.	Patrick F. Curran	$11,637 00
2.	Creedon & Lander	12,918 50
3.	John Flanagan	13,057 00
4.	Richard Dooley	13,073 75
5.	Thomas F. McLaughlin	16,534 50
6.	Peter J. Doherty	16,626 75
	The Engineer's estimate was	15,142 00

Yours, respectfully,

A. FTELEY, Chief Engineer.

On motion of Commissioner Cannon, the same was ordered spread upon the minutes and filed.

The Committee recommended the adoption of the following resolution:

Resolved, That the contract for completing a highway or road and its appurtenances, etc., crossing the East Branch of Reservoir "D," in the Town of Kent, Putnam County, New York, be and hereby is awarded to Patrick F. Curran, at his bid of $11,637, it being the lowest bid received and less than the estimate of the Chief Engineer.

The same was adopted by the following vote:

Affirmative—Commissioners Duane, Tucker, Cannon, and Green—4.

The Comptroller, under date of September 30, 1895, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners for—

Reservoir "M"	$3,036 35
Cornell Dam	4,260 10
Jerome Park Reservoir	837 85
Croton Falls	191 10
Reservoir "D"	1,640 00

—and stating that on September 25, 1895, bonds had been issued to the credit of the "Additional Water Fund" for $100,000, leaving a balance to the credit of said fund of $56,614.14.

Which was ordered entered upon the books of the Commissioners and filed.

A communication was received from the Secretary stating that the sum of $93.50 had been transmitted by him to the City Chamberlain for the credit of the "Additional Water Fund," being proceeds of sale of reports of the Aqueduct Commissioners (1887–1895), and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

The Secretary gave notice of the filing of liens by Lewis E. Cole, amounting to $418, and John Maney, amounting to $150, both against William E. Nolan, contractor.

On motion of Commissioner Cannon, the same were ordered filed.

On motion of Commissioner Tucker, the minutes of meetings of May 29, June 5, 12, 19, July 2, 10, 17, 24, 29, 31, August 23, 28 and September 13, 1895, were ordered approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, October 16, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Committee on Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10589 to 10598 inclusive, amounting to $1,039.30, and of estimate contained in Voucher No. 10599, amounting to $585,81.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, Harry James, heretofore employed as Journeyman Machinist in the Engineer Corps, be and hereby is discharged, the same to take effect as of October 7, 1895.

On motion of Commissioner Tucker, the same was adopted.

The Committee presented the following communication, received from the Chief Engineer :

NEW YORK, October 16, 1895.

To the Honorable the Committee on Construction :

GENTLEMEN—In accordance with your verbal permission, given me at the last meeting, I have communicated with Mr. John C. Rogers, contractor for a part of the Harlem River Driveway under the Park Commissioners, for the performance of that part of the work at Shaft No. 25 about the blow-offi, which cannot practically be done by an outsider, as I explained to you.

Mr. Rodgers modified his original prices, and now asks $10 per cubic yard for rubble stone masonry or concrete, and $10 per ton for laying complete the necessary length of special flange pipe.

The approximate quantities of work to be done are 65 cubic yards of rubble stone masonry or concrete, and 32 tons of special pipe to be laid.

This is to ask you to authorize me to order Mr. Rodgers to do the work under my direction.

Yours respectfully, A. FTELEY, Chief Engineer.

And recommended the adoption of the following resolution :

Resolved, That the Chief Engineer be and hereby is authorized to order John C. Rodgers, Contractor on the Harlem River Driveway, to do certain work about the blow-off at Shaft No. 25 of the New Aqueduct, at the prices above set forth.

On motion of Commissioner Tucker, the same was adopted.

The Committee also presented the following communication, received from the Chief Engineer :

NEW YORK, October 16, 1895.

To the Honorable the Committee on Construction :

GENTLEMEN—You are aware that the proceedings for the acquirement of land in Reservoir "D" have not been completed, and we are proceeding on the strength of the consents obtained from the individual owners.

Mr. N. D. Shaw having (at the time of the auction) opposed the sale of the buildings on his land, we were compelled to leave it out.

Mr. Shaw recently proposed to grant us the privilege of full occupancy of his land with the right to cut all the timber, brush, etc., and clear the same, and to pay the City $30 for the buildings, which he would remove at an early date from the premises.

The price of the buildings compares favorably with the prices obtained at auction for other buildings of the same general character, and I would consider, even without the money consideration, that we are largely gainers by having the privilege of pushing the work of clearing the basin.

I instructed Division Engineer Craven to at once close with Mr. Shaw, who paid him $30. I now transmit the said $30, and request the approval of the Commissioners of my action.

Yours respectfully, A. FTELEY, Chief Engineer.

P. S.—I forward herewith, for your record, the paper given by Division Engineer Craven to Mr. Shaw on receipt of said $30.

And recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in selling to N. D. Shaw the buildings standing on Parcel No. 37, Reservoir "D," for thirty dollars, as above set forth, be and hereby is approved.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendatien of the Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment, viz. :

1st. Of New York Photogravure Company for negatives of East Branch Reservoir Dam construction, amounting to $30.

2d. Of Coldwell-Wilcox Company for cutting threads of bronze nuts for Titicus Dam, amounting to $13.45.

3d. Of Coleman & Washburn & Washburn for coating roofs of gate-houses of Carmel Dams with asphalt, in addition to the brick and asphalt work required by the contract, amounting to $145.84.

4th. Of Coleman & Washburn & Washburn for building a temporary fence across Auxiliary Dam at Carmel, amounting to $114.24.

5th. Of Washburn, Shaler & Washburn for coating roof of gate-house at Titicus Dam with asphalt, in addition to the brick and asphalt work required by the contract, amounting to $98.94.

6th. Of E. & T. Fairbanks & Company for analysis and tests of samples of brass, amounting to $20.50.

7th. Of Seth Hoyt for cleaning privy at Katonah, N. Y., amounting to $5.

8th. Of The Eureka Chemical Company for paint used at Brewster Dams, amounting to $40.

9th. Of Stephen Brown for hauling diamond drill machinery from Croton Lake to Jerome Park, amounting to $30.

10th. Of James McCartney for use of horse and wagon, and for cement, sand, etc., amounting to $85.45.

11th. Of R. D. Philbin for board and transportation, amounting to $30.24.

12th. Of Robert L. Fraser for transportation and board, amounting to $27.54.

13th. Of Samuel Hopkins for transportation and board, amounting to $27.54

On motion of Commissioner Tucker, the same was adopted.

A communication was received from the Secretary, reporting that the sum of $392.33 had been transmitted by him to the City Chamberlain, for the credit of the "Additional Water Fund," being for rental of buildings in the villages of Katonah and Croton Falls, for the month of October, 1895, said buildings being owned by the City and under the control of the Aqueduct Commissioners, and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

A communication was also received from the Secretary, reporting that the sum of $55 had been transmitted by him to the City Chamberlain, for the credit of the "Additional Water Fund," being proceeds of sale of reports of the Aqueduct Commissioners (1887–1895), and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was appoved.

The Secretary gave notice of the filing of liens by P. M. Linfante, amounting to $249.99 ; Nicolo Mucciacciaro, amounting to $90, and Michael Green, amounting to $132.80, all of the same being against William E. Nolan, contractor.

On motion of Commissioner Tucker, the same were ordered filed.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, October 23, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10,601 to 10,617, inclusive, amounting to $1,020.95.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee recommended the adoption of the following resolutions:

Resolved, That the accompanying bill for taxes due School District No. 10, Town of Yorktown, Westchester County, New York, for the year 1895, amounting to thirty-one dollars and fourteen cents, is hereby approved and ordered certified to the Comptroller for payment.

Resolved, That the accompanying bill for taxes due School District No. 10, Town of Bedford, Westchester County, New York, for the year 1895, amounting to two hundred and forty-two dollars and nine cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same were adopted.

The Committee presented the following communication received from the Chief Engineer:

NEW YORK, October 23, 1895.

To the Honorable the Committee on Construction:

GENTLEMEN—On September 13, 1895, you authorized me to extend to the repairs of roads near Purdy's Station, the contract made with Oscar Miersch, the expense under that head not to be beyond $500. I have found since that a portion of the north road should also be taken care of, at an expense not exceeding $200. As Mr. Miersch was going to disband his men, I was authorized by the President to direct him to go ahead with the work on the north road. This work is important, as the transfer of the roads to the town authorities should take place as soon as possible, and the roads should be put in good condition before that time.

This is to ask your approval of my action in the matter.

Yours respectfully, A. FTELEY, Chief Engineer.

And recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in ordering Oscar Miersch to do certain work required to be done on a portion of a road near Purdy's Station, in addition to the work now being performed by him at that place, at an expense of not to exceed two hundred dollars, as above set forth, be and hereby is approved.

On motion of Commissioner Tucker, the same was adopted.

A communication was received from the Secretary, reporting that the sum of $27.50 had been transmitted by him to the City Chamberlain, for the credit of the "Additional Water Fund," being proceeds of sale of reports of the Aqueduct Commissioners (1887–1895), and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

A communication was also received from the Secretary, reporting that the sum of $30 had been transmitted by him to the City Chamberlain, for the credit of the "Additional Water Fund," being proceeds of sale to N. D. Shaw of buildings standing on Parcel No. 37, Reservoir "D," and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

A communication was also received from the Secretary, reporting that the sum of $11,645,12 had been transmitted by him to the City Chamberlain, for the credit of the "Additional Water Fund," being net proceeds of sale of buildings, parts of buildings, sheds, fences, etc., standing within the lines of the land taken by the City of New York for the construction of the Jerome Park Reservoir, near Kingsbridge, in the Twenty-fourth Ward of the City of New York, and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

The Secretary gave notice of the filing of liens by James S. Fenton, amounting to $147.50, and Gilbert Cloonan, amounting to $76, both against William E. Nolan, contractor.

On motion of Commissioner Tucker, the same were ordered filed.

The Committee presented the following :

LAW DEPARTMENT, OFFICE OF THE COUNSEL TO THE CORPORATION, NEW YORK, October 19, 1895.

Hon. JAMES C. DUANE, *President, Aqueduct Commission :*

SIR—Mr. E. T. Lovatt, as assignee of O'Brien & Clark, has submitted to the Board of Estimate a claim of which I inclose you a copy.

Will you kindly advise me, at your earliest convenience, whether this claim is approved by the Aqueduct Board, and if so whether it is prepared to recommend to the Board of Estimate that the property referred to in the communication should be purchased at the price specified.

I suppose that the Board of Estimate and Apportionment would be without jurisdiction in the matter, excepting under that provision of the Aqueduct Law, which authorizes the acquisition of property by private contract through the concurrent action of the Board of Aqueduct Commissioners

and the Board of Estimate and Apportionment, and therefore if it is desirable to carry the arrangement into effect it would probably be necessary for the Aqueduct Commissioners to initiate the proceeding by passing a resolution approving of the purchase.

Yours very truly, FRANCIS M. SCOTT, Counsel to the Corporation.

OCTOBER 23, 1895.

Hon. FRANCIS M. SCOTT, *Counsel to the Corporation:*

Dear Sir—In answer to yours of October 19, I beg to inclose copy of a communication of the Chief Engineer of the Aqueduct Commissioners to the Committee on Construction in view of a letter addressed to the Aqueduct Commissioners by Mr. H. T. Dykman. This communication explains itself, and I do not see any reason why the Aqueduct Commissioners should not approve of it.

The communication of the Chief Engineer, which was dated November 19, 1890, was, on the motion of Commissioner Francis M. Scott, laid on the table.

I doubt that the statement made on the first page of Mr. Lovatt's claim was ever made in the form indicated: To the effect that O'Brien & Clark had been told by the Aqueduct Commissioners that the City would pay them for the whole of the land. I am not informed as to the statements that Mr. Dykman may have made.

The land is now partly covered by the material dumped from Shaft No. 13½, and is of no use to the City, the agents of which had on the contrary directed Messrs. O'Brien & Clark to do such dumping a few hundred feet away on the site of Shaft No. 13, there being a right-of-way between the two shafts.

Mr. Lovatt's claim is returned herewith.

A copy of the letter of Mr. Dykman on which the Chief Engineer's communication was based, is inclosed herewith. Yours respectfully,

JAMES C. DUANE, President, Aqueduct Commissioners.

On motion of Commissioner Cannon, the same were ordered spread on the minutes and filed.

The Commissioners then adjourned. EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, October 30, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10623 to 10645 inclusive, amounting to $3,367.84, and of estimate contained in Voucher No. 10646, amounting to $1,390.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee recommended the adoption of the following resolution:

Resolved, That the resolution adopted on October 16, 1895, discharging Harry James, heretofore employed as a Journeyman Machinist in the Engineer Corps, be and hereby is rescinded; and his resignation is hereby accepted, to take effect as of October 8, 1895.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, J. A. Rundlett and Joseph F. Banks, Axemen in the Engineer Corps, be and hereby are appointed Rodmen in said corps, at a salary of seventy-five dollars per month, they having been certified by the Civil Service Commission as eligible for such appointment, the same to take effect November 1, 1895.

On motion of Commissioner Cannon, the same was adopted.

The Committee presented the following communication, received from the Chief Engineer:

NEW YORK, October 30, 1895.

To the Honorable the Committee on Construction:

GENTLEMEN—Mr. Dykman having just asked me to enter additional information on the maps now being prepared for the taking of the whole land for the New Croton Reservoir, consisting especially of ascertaining the names of the owners of the numerous parcels of land included in

the general map, I respectfully request that I be authorized to employ, for the assistance of the Engineers, some assessors or former assessors in the various towns; such persons being familiar with the ownership in each town, would be of great assistance, and their employment would substantially shorten the time necessary for perfecting the maps.

I have ascertained from the Secretary of the Civil Service Board that, on the ground that the work just described would be that of "experts," the Civil Service rules would not interfere with the employment of such persons by the Aqueduct Commissioners.

It is impossible for me to now indicate what compensation per diem would be required; they might ask from $4 to $10 per day. Yours, respectfully,

A. FTELEY, Chief Engineer.

And recommended the adoption of the following resolution:

Resolved, That the Chief Engineer be and hereby is authorized to employ, if he deems it necessary, experts to enter additional information on the maps now being prepared for the taking of the whole land for the New Croton Reservoir, as above set forth, at an expense of not to exceed one hundred dollars.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution:

Whereas, The Chief Engineer of this Commission has certified, under the date of October 30, 1895, that, in his opinion, The Berlin Iron Bridge Company have completely performed and carried out the provisions of the contract made by them with this Commission on the 6th day of August, 1895, for building a bridge in Reservoir "D" at Cole's Mills, and has stated from actual measurements the whole amount of work done and materials furnished under and according to the terms of said contract, and of the true value thereof; therefore, be it

Resolved, That the Aqueduct Commissioners do accept the work done and materials furnished by The Berlin Iron Bridge Company, under the contract above referred to, and direct that a proper voucher for the final payment for work done and materials furnished under said contract be approved by the Aqueduct Commissioners and certified to the Comptroller for payment.

The same was adopted by the following vote:

Affirmative—Commissioners Duane, Tucker, Cannon and Green—4.

The Committee presented a communication received from the Secretary, reporting that the sum of $22 had been transmitted by him to the City Chamberlain, for the credit of the "Additional Water Fund," being proceeds of sale of reports of the Aqueduct Commissioners (1887–1895), and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

The Secretary gave notice of the filing of the following liens against William E. Nolan, Contractor, viz.:

Costanzo Colaranni, amounting to		$82 00
Antonio Prestinaci	"	48 75
Silvestro Terzo	"	60 18
Carmino Cuzzetta	"	50 00

Francisco Fagha, amounting to		$48 25
Joseph Tromba	"	10 62
Joseph Merante	"	6 25
Alvah Hyatt	"	40 00

On motion of Commissioner Tucker, the same were ordered filed.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, November 6, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10647 to 10652, inclusive, amounting to $130.86, and of estimate contained in Voucher No. 10654, amounting to $1,559.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment, viz.:

1st. Of The R. E. Parsons Company for composition templets and nuts, brass rods and copper rivets for use at Brewster Dams, amounting to $41.11.

2d. Of Coleman & Washburn & Washburn for chain for use at Main Dam, Reservoir "D," amounting to $4.15.

3d. Of Mrs. C. S. Gowen for rent of stable at Sing Sing from April 1 to October 1, 1895 amounting to $30.

4th. Of James Biggart & Co. for hauling manhole covers from High Bridge to Shaft No. 25, amounting to $14.

5th. Of R. D. Philbin for transportation and board, amounting to $24.49.

6th. Of Robert L. Fraser for transportation and board, amounting to $33.09.

7th. Of Bert Tompkins for transportation and board, amounting to $10.44.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution:

Whereas, the Chief Engineer of this Commission has certified, under date of November 6, 1895, that, in his opinion, Coldwell-Wilcox Company have completely performed and carried out the provisions of the contract made by them with this Commission on the 7th day of March, 1895, for building and placing screen frames, hoisting apparatus, screens and their appurtenances at the New Croton Gate-house, and has stated from actual measurements the whole amount of work done and materials furnished under and according to the terms of said contract, and of the true value thereof; therefore, be it

Resolved, That the Aqueduct Commissioners do accept the work done and materials furnished by Coldwell-Wilcox Company under the contract above referred to, and direct that a proper voucher for the final payment for work done and materials furnished under said contract be approved by the Commissioners and certified to the Comptroller for payment.

The same was adopted by the following vote:

Affirmative—Commissioners Duane, Tucker, Cannon and Green—4.

The Committee presented a communication received from the Assistant to the Secretary reporting that the sum of $27.50 had been transmitted by him to the City Chamberlain, for the credit of "Additional Water Fund," being proceeds of sale of reports of the Aqueduct Commissioners (1887–1895), and that his receipt therefor was on file.

On motion of Commissioner Cannon, such action was approved.

The Commissioners then adjourned.

JEFFERSON GROUB, Assistant to the Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, November 13, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10655 to 10671, inclusive, amounting to $998.79, and of estimates contained in Vouchers Nos. 10672 to 10677, inclusive, amounting to $90,351.17.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee recommended the adoption of the following resolution:

Resolved, That an extension of time to November 13, 1895, be and hereby is granted to Coleman & Washburn & Washburn, assignees of Michael S. Coleman, in which to complete the contract made by said Coleman with this Commission on September 19, 1890, for building an earth and masonry dam for Reservoir "D," near Carmel, Putnam County, New York.

The same was adopted by the following vote:

Affirmative—Commissioners Duane, Tucker, Cannon and Green—4.

The Committee also recommended the adoption of the following preamble and resolution:

Whereas, The Chief Engineer of this Commission has certified, under date of November 13, 1895, that, in his opinion, Coleman & Washburn & Washburn, assignees of Michael S. Coleman, have completely performed and carried out the provisions of the contract made by him with this Commission on the 19th day of September, 1890, and assigned to Coleman & Washburn & Washburn, for building an earth and masonry dam, for Reservoir "D," on the west branch of Croton river, near Carmel, Putnam County, N. Y., and has stated from actual measurements the whole amount of work done and materials furnished under and according to the terms of said contract, and of the true value thereof; therefore, be it

Resolved, That the Aqueduct Commissioners do accept the work done and materials furnished by Coleman & Washburn & Washburn, assignees of Michael S. Coleman, under the contract above referred to, and direct that a proper voucher for the final payment for work done and materials furnished under said contract be approved by the Commissioners and certified to the Comptroller for payment.

The same was adopted by the following vote:

Affirmative—Commissioners Duane, Tucker, Cannon and Green—4.

The Committee presented the following communication received from the Chief Engineer:

NEW YORK, November 13, 1895.

To the Honorable the Committee on Construction:

GENTLEMEN—The buildings on the site of Reservoir "D" having been removed, it becomes necessary, before the water is allowed to rise therein, to destroy all polluting matters. The contents of the vaults must be removed; the soil of the barnyards, impregnated with manurial substances, must be excavated; the drains connected therewith traced and obliterated, and lime is to be used to complete the sanitary treatment of the contaminated spots. The remnants of the buildings must also be obliterated.

Following the precedent established at Reservoir "M," for the filling of cellars and for the repairs of roads, I think that the most economical method of performing the above-mentioned work is to do it by contract, the bidders naming a price per man employed, per double or single team, and per barrel of lime used on the work; the price to include the cost of superintendence and use of tools.

I have consequently requested Division Engineer Craven to invite several persons who live or do work in the neighborhood of Carmel to bid for the work.

Invitations were sent to John Flanagan, Carmel, N. Y.; Samuel P. & Tunis Mead, Farmer's Mills, N. Y.; L. E. Cole, Carmel, N. Y.; Martin Stevens, Carmel, N. Y. Mr. L. E. Cole did not send any bid.

The bids received are as follows:

	SAMUEL P. & TUNIS MEAD.	MARTIN STEVENS.	JOHN FLANAGAN.
1. For each Laborer, of every class, including superintendence, use of tools, and including all other expenses incidental to his work, for each day of ten hours actual work	$2 00	$1 75	$1 50
2. For each team of two horses, including wagon and driver, superintendence, and all expenses of whatever kind connected therewith, for each day of ten hours actual work	4 00	4 00	3 75
3. For each horse and cart, including driver, superintendence, and all other expenses of whatever kind connected therewith, for each day of ten hours actual work	3 50	2 50	3 00
4. For each barrel of lime, of good quality, furnished, delivered where required on the ground, and used as directed, the sum of	1 60	1 80	1 30

Mr. Flanagan is now building roads in Reservoir "D"; his presence on the ground with all his plant will enable him to begin the work at once and to push it as it should be.

His prices are the lowest and very reasonable, and I recommend that the contract be given to him.

It is difficult to determine in advance the amount of the contract, as much of the contaminated ground will necessarily be uncovered during the prosecution of the work; my approximate estimate of the same is $2,000. The above-mentioned bids are submitted herewith.

Yours, respectfully, A. FTELEY, Chief Engineer.

And recommended the adoption of the following resolution :

Resolved, That the Chief Engineer be and hereby is authorized to order John Flanagan to do the work of destroying all polluting matters upon the site of Reservoir " D, as above set forth, at the prices and under the conditions mentioned in his bid.

On motion of Commissioner Cannon, the same was adopted.

The Secretary gave notice of the filing of a lien by Alvah Hyatt against John and William J. Flanagan, contractors, amounting to $700.

Which was ordered filed.

On motion of Commissioner Tucker, the minutes of meetings of September 23, October 2, 9, 16 and 23, 1895, were ordered approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, November 20, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment, viz. :

1st. Of George F. Bedder, for painting doors, etc., of Dunwoodie Gate-house, amounting to $25.

2d. Of James McCartney, for use of horse and wagon to haul tools, etc., and for one barrel of cement and for sharpening tools, amounting to $82.52.

3d. Of Robert L. Fraser, for transportation and board, amounting to $28.39.

4th. Two bills of William James, for transportation and board, amounting to $52.07.

5th. Of Samuel Hopkins, for transportation and board, amounting to $40.59.

On motion of Commissioner Tucker, the same was adopted.

The Comptroller, under date of October 31, 1895, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners for—

Cornell Dam	$22,889 24
Reservoir "M"	226 16
Jerome Park Reservoir	1,749 59
Croton Falls	2,006 80

—and stating that bonds had been issued for the credit of the "Additional Water Fund" on October 15, 1895, for $100,000, leaving a balance to the credit of said fund of $63,373.29.

Which was ordered entered upon the books of the Commissioners and filed.

The Construction or Executive Committee presented a communication, received from the Secretary, reporting that the sum of $45.75, being proceeds of sale of reports of the Aqueduct Commissioners (1887–1895), and the sum of $403.33, being for rent of buildings in the villages of Katonah and Croton Falls, N. Y., for the month of November, 1895, had been transmitted by him to the City Chamberlain for the credit of the "Additional Water Fund," and that his receipts therefor were on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

The Secretary gave notice of the filing of a lien by Mendoni & Farnas against Patrick F. Curran, contractor, for the sum of $490.

Which was ordered filed.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, November 27, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes for the year 1895, due School District No. 10, Town of Carmel, Putnam County, New York, amounting to fifty-three dollars and twelve cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee presented the following communication, received from the Chief Engineer :

NEW YORK, November 27, 1895.

To the Honorable the Committee on Construction :

GENTLEMEN—The Carmel Dams should now be provided with stop-planks for the purpose of regulating the water.

I have accordingly asked for prices from three different firms. There are 100 planks to be furnished, and the lowest bid, that of The Bradley & Currier Company, is $3 apiece. The other bids are much higher.

This is to ask you to authorize me to purchase the planks at a price not exceeding $3 for each, or to procure them from such reliable parties as would offer better terms, which I hope to obtain.

Yours, respectfully,

A. FTELEY, Chief Engineer.

And recommended the adoption of the following resolution :

Resolved, That the Chief Engineer be and hereby is authorized to order the necessary stop-planks required for regulating the water in the Carmel Dams, at a price not to exceed three dollars apiece, as above set forth.

On motion of Commissioner Green, the same was adopted.

The Committee also presented the following communication, received from the Board of Estimate and Apportionment :

" Resolved, That the Board of Estimate and Apportionment hereby concur in and approve of the resolution adopted by the Board of Aqueduct Commissioners August 23, 1895, relating to the settlement of the claim of Ira Crane, sole trustee of School District No. 6, in the Town of Carmel, Putnam County, New York, for the sum of nineteen hundred and twenty-five dollars ($1,925).

" A true copy of resolution adopted by the Board of Estimate and Apportionment November 19, 1895.

CHAS. V. ADEE, Clerk."

On motion of Commissioner Tucker, the same was ordered spread upon the minutes and filed.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10684 to 10703, inclusive, amounting to $2,674.69, and of estimate contained in Voucher No. 10704, amounting to $1,013.34.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the minutes of meetings of October 30, November 6 and 13, 1895, were ordered approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, December 4, 1895, at 3 o'clock P. M.

Present—The Commissioner of Public Works (Charles H. T. Collis), and Commissioners Duane, Tucker, Cannon and Green.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10706 to 10716, inclusive, amounting to $621.22, and of estimates contained in Vouchers Nos. 10717 and 10718, amounting to $25,836.14.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee presented final plan sheet, described as "Exhibit No. 7 of 1895," submitted by the Commissioner of Public Works on December 4, 1895, showing certain additional parcels of land required for the construction of Reservoir "D," in the Towns of Kent and Carmel, Putnam County, New York, and recommended the adoption of the following resolution:

Resolved, That, for the more efficient carrying out of the provisions of chapter 490 of the Laws of 1883 of the State of New York, and the acts amendatory thereof, we, the Aqueduct Commissioners, do hereby approve and adopt the aforesaid final plan sheet showing certain additional parcels of land required for the construction of Reservoir "D," in the Towns of Kent and Carmel, Putnam County, New York, and direct that the same be duly certified and filed in this office, and designated "Final Plan Sheet No. 7 of 1895," and that a copy thereof be certified and transmitted to the Commissioner of Public Works for filing in his office, as required by section 25 of the aforesaid act.

The same was adopted by the following vote:

Affirmative—The Commissioner of Public Works, and Commissioners Duane, Tucker and Green—5.

The Committee also presented six similar property maps, submitted by the Commissioner of Public Works on December 4, 1895, showing certain additional parcels of land required for the construction of Reservoir "D," in the Towns of Kent and Carmel, Putnam County, New York, and recommended the adoption of the following resolution :

Resolved, That the six similar property maps received from the Commissioner of Public Works on December 4, 1895, showing certain additional parcels of land required for the construction of Reservoir "D," in the Towns of Kent and Carmel, Putnam County, New York, be and the same are hereby approved and adopted, and directed to be certified and transmitted to the Counsel to the Corporation for filing and delivery to the Commissioners of Appraisal, in accordance with the provisions of chapter 490 of the Laws of 1883 of the State of New York ; and the Counsel to the Corporation is hereby requested to take the steps necessary to acquire for the City, under chapter 490 of the Laws of 1883 of the State of New York, the fee in the lands described on said maps, and the Secretary is hereby directed to furnish to the Counsel to the Corporation all maps, plans, etc., which he may require in the premises.

The same was adopted by the following vote :

Affirmative—The Commissioner of Public Works, and Commissioners Duane, Tucker, Cannon, and Green—5.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

NOTE—On Wednesday, December 11, 1895, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, December 18, 1895, at 3 o'clock P. M.

Present—The Commissioner of Public Works, and Commissioners Duane, Tucker and Cannon.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10721 to 10724, inclusive, and Vouchers Nos. 10726 to 10738, inclusive, amounting to $548.04, and of estimates contained in Vouchers Nos. 10725, 10739 and 10,740, amounting to $20,820.06.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment, viz.:

1st. Of Skinner & Connelly, for square iron washers, used at Shaft No. 25, amounting to $4.25.

2d. Of G. Schumacher, for hire of horse and carriage, amounting to $11.75.

3d. Of R. D. Philbin, for transportation and board, amounting to $28.54.

4th. Of William James, for transportation and board, amounting to $28.

5th. Of Bert Tompkins, for transportation and board, amounting to $22.29.

On motion of Commissioner Tucker, the same was adopted.

The Committee presented the following communication, received from the Chief Engineer:

NEW YORK, December 18, 1895.

To the Honorable the Committee on Construction:

GENTLEMEN—The barn adjacent to the office recently built at the New Croton Dam requires urgent repairs. After a careful examination it is found that it can be repaired to good advantage,

and, as the office building and dependencies are most probably to be used permanently for the maintenance of the reservoir, I respectfully submit that the repairs be made. The removal of the present barn and the substitution of a new building of much smaller size would cost more than twice the cost of the repairs recommended. Moreover, owing to the daily sheltering of horse and carriage and the necessity of room for miscellaneous storage, the size of the present barn is none too large.

In order to give you a positive statement as to the proposed expenditure, a full description has been prepared of the work to be done and three (3) bids have been received as follows :

Washburn Brothers, of Peekskill, $746.74 ; Daniel Carpenter, Sing Sing, $662 ; Charles Halstead, Sing Sing, $603.

Mr. Halstead's bid is reasonable, and I submit that the Engineer be authorized to order the work to be done by him. Yours, respectfully,

A. FTELEY, Chief Engineer.

And recommended the adoption of the following resolution :

Resolved, That the Chief Engineer be and hereby is authorized to order Charles Halstead, of Sing Sing, N. Y., to do the necessary repairs to the barn adjacent to the office recently built at the New Croton Dam, at his bid of six hundred and three dollars, it being the lowest received for doing said work.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, Application has been made by John Twiname, contractor for constructing new highways and their appurtenances, fences, etc. (Line No. 1 and Line No. 4), in the Town of Cortlandt, Westchester County, New York, for an extension of time in which to complete said contract ; and the Chief Engineer having recommended that an extension of time to August 1, 1896, be granted ; therefore be it

Resolved, That an extension of time to August 1, 1896, be and hereby is granted to John Twiname in which to complete his contract for constructing new highways and their appurtenances, fences, etc. (Line No. 1 and Line No. 4), in the Town of Cortlandt, Westchester County, New York, provided his bondsmen shall, within ten days from the date hereof, enter into stipulations continuing their obligations for and during the completion of said contract under said extension of time, which is hereby allowed to him as further time for the performance of said contract ; and provided, also, that, in view of the non-completion of the permanent fences, he will, at his own expense, on the requisition of the Engineer, and under his direction, erect such temporary fences as may be found by the latter necessary for the proper protection of the public.

On motion of Commissioner Cannon, the same was adopted.

The Committee also presented a communication, received from the Secretary, reporting that the sum of $405.33 had been received from Division Engineer Edward Wegmann, being for rental of buildings in the villages of Katonah and Croton Falls, Westchester County, New York, for the month of December, 1895, and that said amount, together with $38.50, being proceeds of sale

of reports of the Aqueduct Commissioners (1887-1895), had been transmitted by him to the City Chamberlain, for the credit of the "Additional Water Fund," and that his receipts therefor were on file.

On motion of Commissioner Cannon, the same was ordered filed.

On motion of Commissioner Cannon, the Commissioners then adjourned to meet on Tuesday next, December 24, 1895, at 3 o'clock P. M.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Adjourned Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Tuesday, December 24, 1895, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 10747 to 10752, inclusive, amounting to $127.83.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee recommended the adoption of the following preambles and resolution :

Whereas, The Aqueduct Commissioners, upon the recommendation of the Committee on Construction, duly passed a resolution on the 6th day of October, 1886, authorizing the purchase of land adjacent to Shaft No. 13½ of the New Aqueduct for a dumping-ground, and thereafter the said Aqueduct Commissioners did appropriate said land for that purpose, but the same has never been purchased or paid for by the City ; and

Whereas, It is alleged that on or about October 1, 1887, said land was purchased for said purpose by the contractors, at the request of the Aqueduct Commissioners, for the sum of twelve hundred and fifty dollars, for which a claim, with interest from said date, has been filed against the City, and it appearing to our satisfaction, from the opinion of the Counsel to the Corporation, that a valid claim for some compensation is due ; therefore

Resolved, That (subject to the approval of the Board of Estimate and Apportionment) the Aqueduct Commissioners recommend a settlement of the said claim upon payment by them of the sum of twelve hundred and fifty dollars, without interest, provided the assignee of said claim will accept said amount in full settlement, and procure a valid conveyance of the title of said land to the City of New York.

The same were adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Cannon, and Green—4.

The following communication was received :

NEW YORK, December 19, 1895.

To the Honorable the Board of Aqueduct Commissioners :

GENTLEMEN—I herewith tender my resignation as Auditor, to take effect at your pleasure.

Respectfully, THOS. J. McNAMARA.

On motion of Commissioner Green, said resignation was accepted, to take effect on December 31, 1895.

On motion of Commissioner Cannon, the following resolution was adopted :

Resolved, That A. F. Pentz be and hereby is appointed Auditor to the Aqueduct Commissioners, to fill the vacancy caused by the resignation of Thomas J. McNamara, at a salary of $1,500 per annum, the same to take effect on and after January 1, 1896.

On motion of Commissioner Green, the following resolution was adopted :

Resolved, That the salary of Frank H. Warder, Typewriter in the Secretary's office of the Commissioners, be and hereby is increased from $1,200 per annum to $1,500 per annum, the same to take effect on and after January 1, 1896.

On motion of Commissioner Tucker, the minutes of meetings of November 20, 27 and December 4, 1895, were ordered approved.

The Commissioners then adjourned.

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